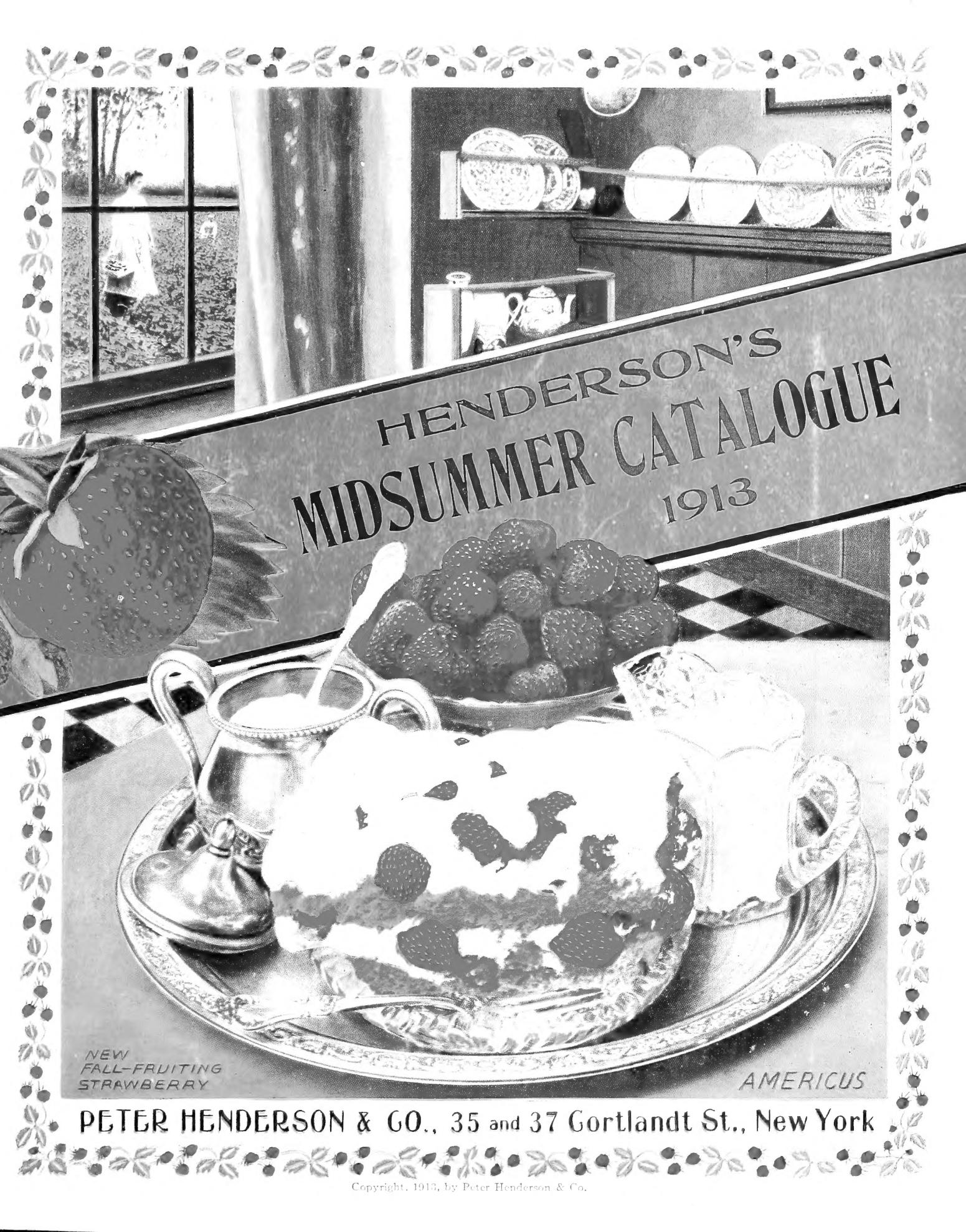


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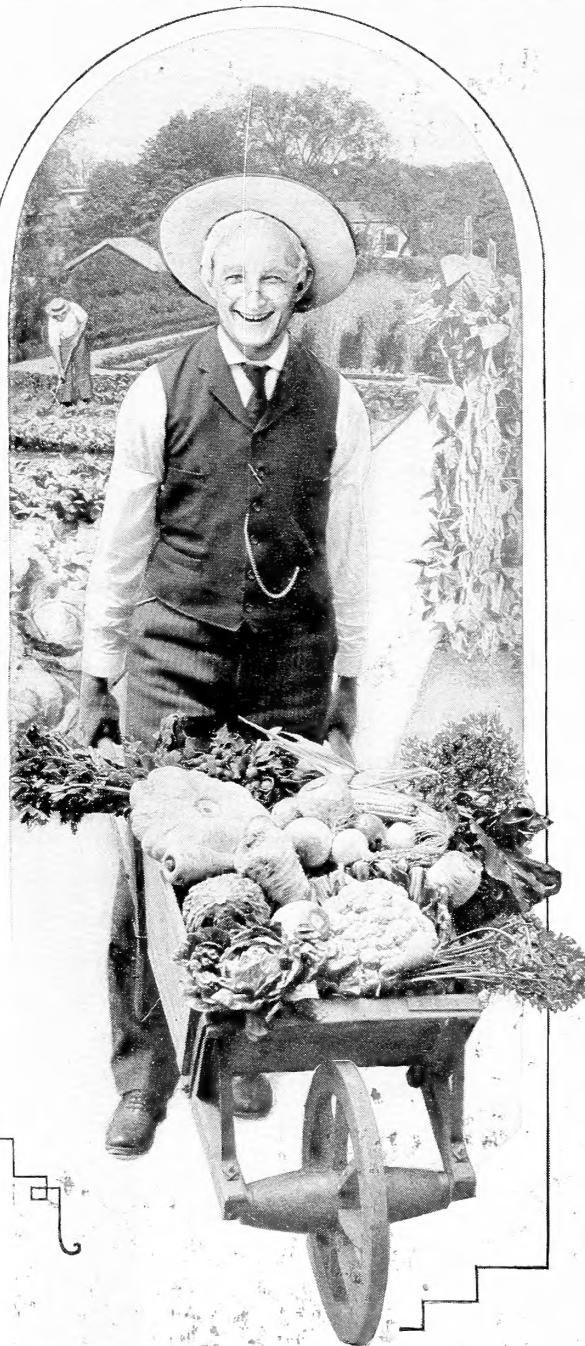
# HENDERSON'S MIDSUMMER CATALOGUE 1913

NEW  
FALL-FRUUITING  
STRAWBERRY

AMERICUS

PETER HENDERSON & CO., 35 and 37 Cortlandt St., New York

## Henderson's Midsummer Catalogue



1913

## STRAWBERRY and VEGETABLE PLANTS

For Summer Planting



## VEGETABLE, FLOWER and FARM SEEDS

For Summer Sowing



## SEASONABLE

## TOOLS, REQUISITES, INSECTICIDES, Etc:

For the Lawn and Garden



## HOW TO ORDER, Etc.

Remittances should be made in the form of an **Express Money Order**, (*a safe, economical and convenient way of remitting*), or by **P. O. Money Order, Bank Draft or Registered Letter**.

Customers can also shop by **Express**, as all express companies have purchasing departments in all their offices. They make no charge, other than usual rates, for returning goods.

Goods wanted **C. O. D.** must have 25 per cent. of the amount accompanying the order. Plants we do not ship **C. O. D.**

Give full shipping instructions on each and every order you send.

When orders are not accompanied with **cash**, parties who have no account with us must furnish satisfactory reference, New York City preferred, on account of a saving in time. Charge orders from unknown parties not accompanied with references will be delayed pending the usual investigation.

**About packing and shipping and no charge made.** We make no charge for packing except for cloth bags and no charge for cartage or delivery of goods to any railway station, steamship line or express office in New York City.

**WE DELIVER FREE** in the United States to any Post Office, R. R. Exp. Office or Freight Station at our option, Vegetable Seeds, Flower Seeds, Lawn Grass Mixtures and Books (**except where otherwise noted.**)

Purchaser pays transit charges *only* on pints, quarts, pecks, bushels, and barrels, and on Farm Seeds, Tools, Implements, Insecticides, etc.

**HENDERSON'S SUPERIOR SEEDS, ETC.,** are procurable **ONLY** from us direct. We do not supply them through dealers, storekeepers, etc.

**Plants we no NOT deliver free by express.** We make no charge for packing, but in all cases the buyer must pay the carrying charges. We deliver plants free by mail if so ordered and it is practicable; but we have to take the soil from the roots to lighten the weight and must send smaller plants than if sent by express. We always add extra plants to help defray express charges.

**Have your plants sent by express.** They will reach you in better condition than by mail. We have secured for our customers from railway express companies a **special rate** on plants from New York which is **twenty per cent.** less than merchandise rates at which they were heretofore carried.

The safe arrival is guaranteed in good condition of strawberry plants sent by express where transit does not exceed three days. Pot-grown strawberry plants ready about August 1st. Vegetables plants ready between June 15th and August 1st.

PETER HENDERSON & CO. give no warranty, express or implied, as to description, quality, productiveness, or any other matter of any Seeds, Bulbs, or Plants they send out, and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms they are at once to be returned.

*Peter Henderson & Co.*  
35 & 37 CORTLANDT ST., NEW YORK.

# MIDSUMMER CATALOGUE ORDER SHEET.

**PETER HENDERSON & CO.** give no warranty, express or implied, as to description, quality, productiveness, or any other matter of any Seeds, Bulbs or Plants they send out, and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms they are at once to be returned.

PETER HENDERSON & CO.,

In Pkgs.; Bundles; Boxes; Crates Baskets; Bls.; Bags.

The following articles will be sent later.

Laid out by.....; Checked by.....; Reply required by.....

Route shipped by \_\_\_\_\_, Date shipped 1913.

(PLEASE DO NOT WRITE IN THIS SPACE.)

**IN ORDERING Please Use this "ORDER SHEET."**

WE DO NOT OFFER ANY PREMIUMS OR DISCOUNTS. OUR PRICES ARE NET.

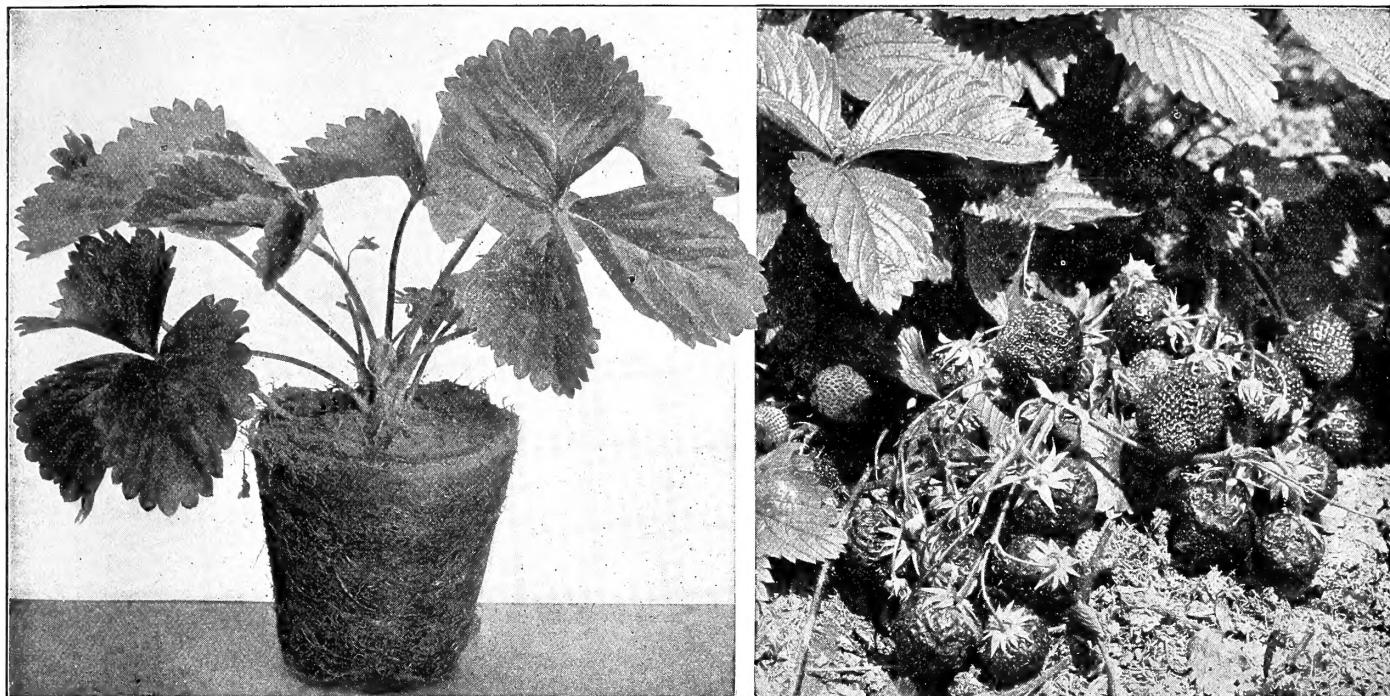
*Total Amount of Order,*



# Henderson's Pot-Grown Strawberry Plants

SET OUT THIS SUMMER

WILL BEAR A FULL CROP OF BERRIES NEXT SPRING!

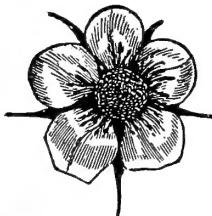


## HENDERSON'S

### Pot-Grown Strawberry Plants

are much superior to the ordinary ground layers usually sold, as there is no loss of fine roots in taking them up, and they can be shipped safely to distant parts of the United States, and be transplanted at any season, and it scarcely checks their growth; the earlier the pot-grown plants can be planted after August 1st, the larger they will grow and the more they will produce the next spring.

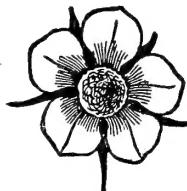
We do not offer a long list of varieties in Strawberries, but only such as may be considered the best of existing sorts.



STAMINATE OR  
PERFECT FLOWERING

#### BRIEF DIRECTIONS FOR CULTURE.

Strawberries require rich, well-tilled soil; the plants should be set 15 inches apart, in rows 2 feet apart; 100 plants will plant 4 rows, 30 feet long; an acre requires 14,520 plants if set at the above distance, but for horse cultivation they should be set 2 feet apart in rows 3 feet apart, requiring 7,260 plants for an acre. Firm the plants well in the soil, keep thoroughly cultivated and cut off all runners. In the middle of December cover the beds to a depth of 3 inches with salt meadow hay, straw or leaves. In April as soon as the plants show an indication of growth, push the covering away from the plants to allow them to come up through. This "mulching" protects the plants from the cold in winter and the heat in summer keeps the fruit clean, and prevents the growth of weeds.



PISTILLATE OR  
IMPERFECT FLOWERING

#### PERFECT—versus—IMPERFECT FLOWERING STRAWBERRIES.

The blossoms of strawberries are either staminate (perfect flowering) or are destitute of stamens and are termed pistillate (imperfect flowering). Pistillate varieties must have a row of some perfect flowered sort flowering at the same time planted every nine or twelve feet apart among them, or better yet, every third or fourth plant in the row, to pollinate their blossoms. When properly pollinated the pistillate varieties are usually the most prolific.

Our leaflet "STRAWBERRY CULTURE," mailed free to those requesting it when ordering Strawberry Plants



## PRICES OF HENDERSON'S POT-GROWN STRAWBERRY PLANTS.

WHICH IF SET OUT THIS SUMMER WILL BEAR A FULL CROP OF BERRIES NEXT SPRING.

Page	25 plants of one variety will be supplied at the 100 rate; 250 at the 1000 rate If desired by mail, add 10c. to the dozen price and 75c. to the hundred price.	Doz.	100	1000
4	ABINGTON. Medium Early—Perfect Flowering.	\$ .60	\$4.00	\$35.00
3	AMERICUS. Fall Fruiting—Perfect Flowering. 20c. each.	2.00	12.00	
4	BEDERWOOD. Early—Perfect Flowering.	.50	3.50	30.00
4	BRANDYWINE. Mid-season to Late—Perfect Flowering.	.50	3.50	30.00
5	BUBACH. Mid-season—Pistillate.	.50	3.50	30.00
5	CHIPMAN. Early to Mid-season—Perfect Flowering.	.60	4.00	35.00
5	CLIMAX. Extra Early—Perfect Flowering.	.60	4.00	35.00
5	CLYDE. Early—Perfect Flowering.	.60	4.00	35.00
6	COMMONWEALTH. Very Late—Perfect Flowering.	.60	4.00	35.00
6	EARLY OZARK. Extra Early—Perfect Flowering.	.60	4.00	35.00
6	EXCELSIOR. Extra Early—Perfect Flowering.	.50	3.50	30.00
6	FENDALL. Mid-season to Late—Perfect Flowering.	.60	4.00	35.00
7	FREMONT WILLIAMS. Late—Perfect Flowering.	.60	4.00	35.00
3	FRANCIS. Fall Fruiting—Perfect Flowering. 30c. each.	3.00	20.00	
7	GANDY. Late—Perfect Flowering.	.50	3.50	30.00
7	GLEN MARY. Mid-season—Perfect Flowering.	.50	3.50	30.00
8	GREAT RUBY. Mid-season to Late—Pistillate.	.60	4.00	35.00
8	HERITAGE. Mid-season to Late—Perfect Flowering.	.60	4.00	35.00
8	KEVITT'S WONDER. Mid-season—Perfect Flowering.	.60	4.00	35.00
9	MANHATTAN. Late—Perfect Flowering.	.60	4.00	35.00
9	MARSHALL. Mid-season—Perfect Flowering.	.50	3.50	30.00
9	MICHEL'S EARLY. Extra Early—Perfect Flowering.	.50	3.50	30.00
9	NEW YORK. Mid-season—Perfect Flowering.	.50	3.50	30.00
10	NICK OHMER. Mid-season—Perfect Flowering.	.50	3.50	30.00
10	NORWOOD. Medium Early to Mid-season—Perfect Flowering.	.60	4.00	35.00
10	PATAGONIA. Mid-season to Late—Perfect Flowering. 12c. each.	1.25	8.00	
3	PROGRESSIVE. Fall Fruiting—Perfect Flowering. 25c. each.	2.50	20.00	
10	RELIANCE. Mid-season—Perfect Flowering.	.50	3.50	30.00
10	SHARPLESS. Mid-season—Perfect Flowering.	.50	3.50	30.00
11	SUCCESS. Early to Mid-season—Perfect Flowering.	.50	3.50	30.00
11	STEVEN'S LATE CHAMPION. Late—Perfect Flowering.	.60	4.00	35.00
11	UNCLE JIM. Mid-season to Late—Perfect Flowering.	.60	4.00	35.00
11	WM. BELT. Mid-season—Perfect Flowering.	.50	3.50	30.00

## HENDERSON'S "SUCCESSION" COLLECTIONS OF POT-GROWN STRAWBERRY PLANTS.

(Shown in Colors on the Back Cover.)

IF SET OUT THIS SUMMER WILL BEAR A FULL CROP OF BERRIES NEXT SPRING.

HENDERSON'S SUCCESSION COLLECTION OF STRAWBERRIES lengthens the Strawberry Season to the maximum limits, being composed of the undermentioned six choice family strawberries, including Extra-Early, Early, Mid-Season to Late, Late and Extra-Late Varieties.

HENDERSON'S SUCCESSION COLLECTION OF STRAWBERRIES we consider THE BEST set that can be gotten together for the home garden; we have devoted much time and careful study to the selection of the varieties comprising the set, from our trial beds containing nearly 200 varieties.

HENDERSON'S SUCCESSION COLLECTION OF STRAWBERRIES are bountiful fruiting, sweet, luscious Strawberries for home use, where they can be picked thoroughly ripe, rich, melting and delicious, gratifying the daintiest palate and besides all are beautiful and perfectly formed Strawberries, of the largest size obtainable in the various classes, all attractively colored, rich and glossy, with surface color permeating the flesh, as well, rendering them temptingly appetizing and the ideal dessert fruit.

HENDERSON'S SUCCESSION COLLECTION OF STRAWBERRIES is comprised of the following six unrivalled varieties:

### PRICES OF HENDERSON'S "SUCCESSION" COLLECTIONS OF STRAWBERRIES.

Purchasers to pay expressage; if wanted by mail, add at the rate of 75c. per 100 plants for postage.

EARLY OZARK.....	described on page 6	Extra Early.	COLLECTION A.—24 plants, 4 each of the 6 varieties mentioned.....	\$1.00
ABINGTON.....	" " "	4 Early.	COLLECTION B.—36 plants, 6 each of the 6 varieties mentioned.....	1.50
CHIPMAN.....	" " "	5 Early to Mid-season.	COLLECTION C.—72 plants, 12 each of the 6 varieties mentioned.....	2.75
NORWOOD.....	" " "	10 Mid-season.	COLLECTION D.—150 plants, 25 each of the 6 varieties mentioned.....	5.00
HERITAGE.....	" " "	8 Mid-season to Late.	COLLECTION E.—300 plants, 50 each of the 6 varieties mentioned.....	9.50
COMMONWEALTH.....	" " "	6 Extra Late.	COLLECTION F.—600 plants, 100 each of the 6 varieties mentioned...	18.00

Our leaflet on "STRAWBERRY CULTURE" mailed free to those requesting it when ordering Strawberry Plants.

# The New Fall-Fruiting Strawberries Americus, Francis and Progressive.



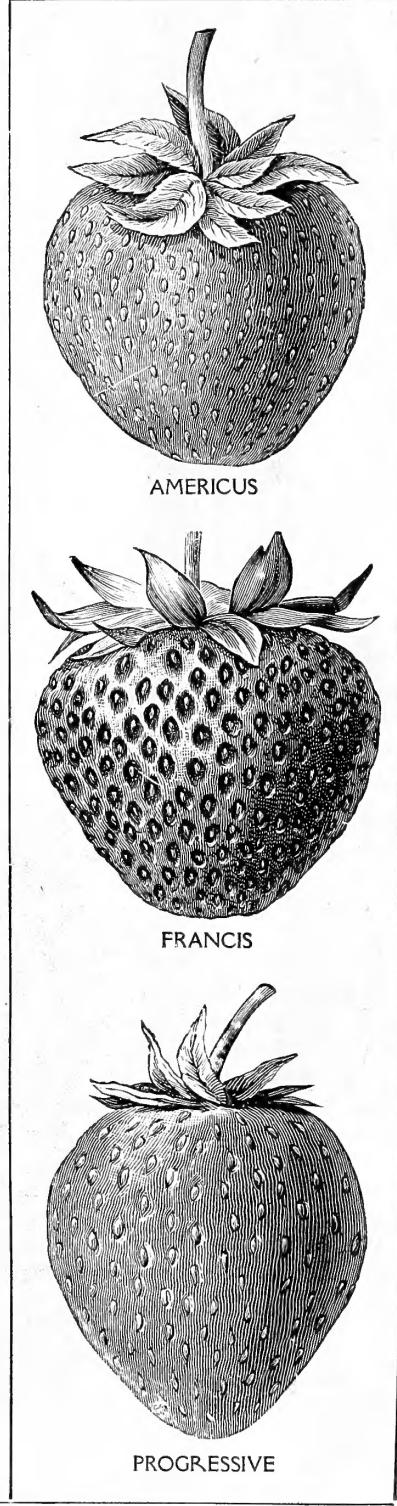
## New Fall-Fruiting Strawberries.

While they will produce fruit at the same season as the ordinary strawberries and keep on bearing until frost, yet to get the best results the blossoms should be kept cut off until August 1st so as to conserve the energies of the plants for the fall crop. Treated in that way ripe fruit will be borne in about three weeks after that date and continuously until frost. One grower by that method gathered nearly 400 quarts from 500 plants set out in the spring; a splendid demonstration of their productive power. The quality is superb, the size good, but not up to the large June berries, because of the season at which they are borne. The plants must not be allowed to suffer for water in the fruiting season and a mulch will be found to be of great advantage. High cultivation is essential for the best results in all crops and in growing these strawberries a little extra attention will pay well. There is no more trouble to grow them than the ordinary strawberries but they have to be attended to in proper season. We give the originator's descriptions:

**AMERICUS.** "Plant medium sized, foliage medium, a shade lighter in color than Francis, has a good, heavy root system, a fairly good plantmaker, blossoms strongly staminate, fruit light red, heart shaped, of fine texture, good quality, half the size of Brandywine, fruit-stems stout, holding fruit well off the ground, has fruited here the past four years on spring set plants and new runners from July to cold weather. It is not uncommon for a spring set plant to produce from six to twelve well loaded fruit-stalks." Price, for pot-grown plants, 20c. each, \$2.00 per doz., \$12.00 per 100.

**FRANCIS.** "Plant medium sized, foliage medium sized and round, with a hard glossy surface, root system medium, fruit medium to large, rather long and of a nice, glossy red; quality sweet and good. A fair plantmaker, a strong staminate, fruit-stems long and cannot hold its load of fruit from the ground. A sure variety to fruit on new plants. Spring set plants fruit from July to cold weather. Quite productive." Price, for pot-grown plants, 30c. each, \$3.00 per doz., \$20.00 per 100.

**PROGRESSIVE.** A variety originated by Mr. Harlow Rockhill, the introducer of Americus and Francis, in 1908. Two years later he sent it for trial to a number of growers and after a two year test it is highly praised by all who tried it. The plant is of medium size, the blossom strongly staminate and very resistant to heat. Both blossoms and fruit are well protected by the strong healthy foliage. The fruit is rich and sweet; a deep red inside and out; of good medium size with a slight neck and quite firm. Plants set in August and September fruit the next spring and on the new runners from July until frost. Spring set plants fruit the same year they are set out. Price, 25c. each, \$2.50 per doz., \$20.00 per 100.



## ABINGTON.

(Medium Early—Perfect Flowering.)  
(Shown in color on the back cover.)

A mid-season or main crop variety that we have proven by trial worthy of all the high praise that has been bestowed upon it. The plant is a thrifty healthy grower and very productive. The large foliage amply protects both flowers and fruit. The blossoms are large and full being good pollinizers for pistillate varieties. The fruit is large, of fine flavor with firm surface of bright crimson which color extends almost to the center, thus greatly enhancing its value for canning and preserving.

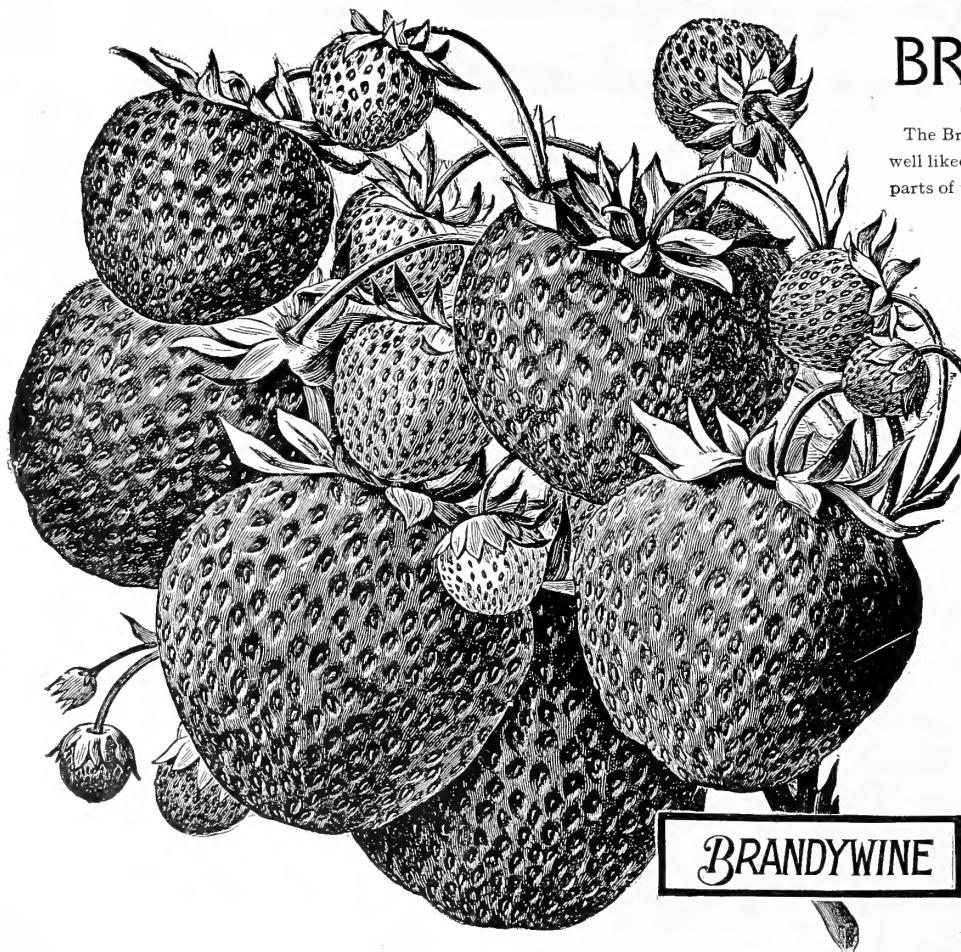
Price (pot-grown plants), 60c. per doz.; \$4.00 per 100; \$35.00 per 1000.

## BEDERWOOD.

(Early—Perfect Flowering.)

An exceedingly valuable early strawberry. Conceded to be one of the best early berries for home use and worthy of great praise. It is not only very early but immensely productive. The plant is faultless, of healthy, vigorous growth, and an enormous bearer, perhaps equal to any of the pistillate sorts in this respect, the berries are of large size, of regular, roundish form, light scarlet of excellent quality, remaining in fruit a long time. We picked berries from it every day for a month last season.

Price (pot-grown plants), 50c. per doz.; \$3.50 per 100; \$30.00 per 1000.



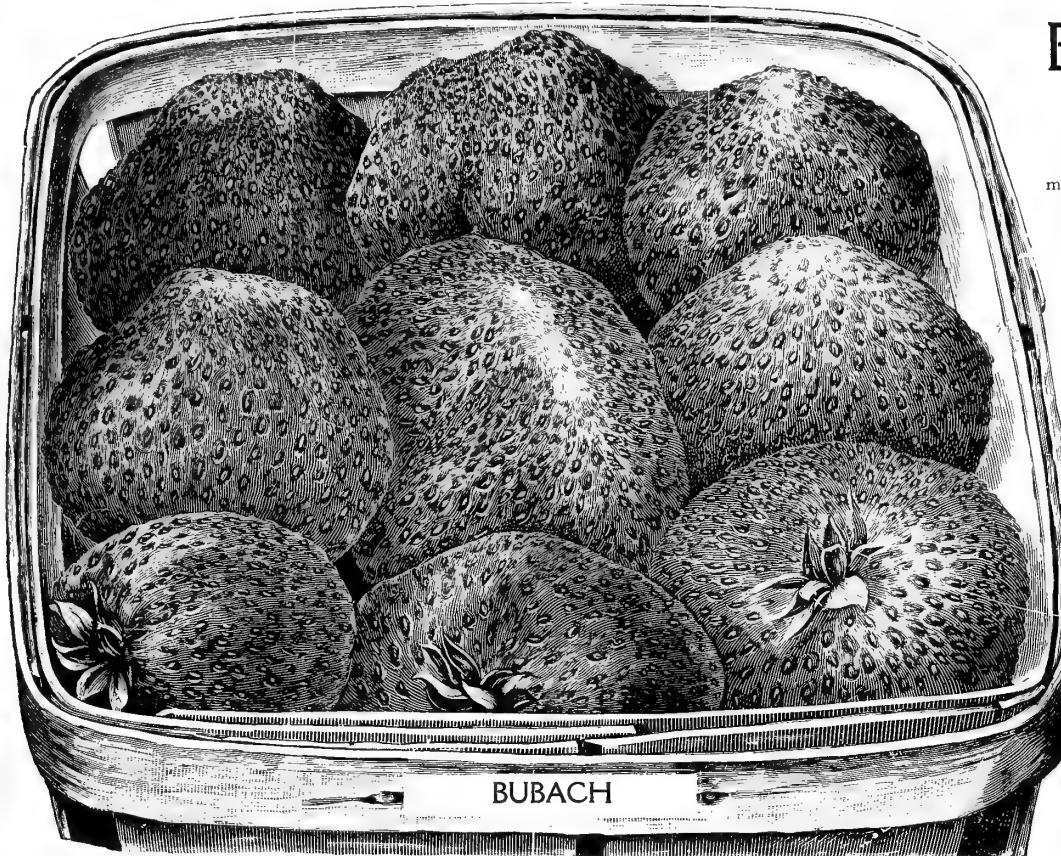
## BRANDYWINE.

(Mid-Season to Late—Perfect Flowering.)

The Brandywine Strawberry is one of the well known and well liked reliables. It has been thoroughly tested in many parts of the country and has given universal satisfaction.

The berries of the "Brandywine" are magnificent and of immense size—very firm, solid and shapely for so large a berry. In general it is broadly heart-shaped without neck, occasionally fruits will be found shaped as if two berries were joined together; flesh red to the core, of delicious aroma, rich, juicy, and luscious. The seeds are but slightly imbedded which adds to its firmness. The color is of a rich, dark glossy scarlet. Colors uniformly all over, no white blotches nor green tips, and its large green calyx greatly adds to the attractiveness of the fruit. In productiveness the Brandywine strawberry is truly a marvel, both in size and quantity. The splendid large berries are borne on stiff, stout stems, ripening in succession for a long period, from mid-season until the very latest, holding up its size to the last and every berry coming to maturity. The plants of the Brandywine are remarkably vigorous healthy and hardy, throwing out strong runners, the foliage is of the largest and thirstiest, entirely free from scald or blemish.

Price (pot-grown plants), 50c. doz.; \$3.50 per 100; \$30.00 per 1000.



## BUBACH.

(Mid-season—Pistillate.)

Probably the best-known and most popular of all large strawberries.

It is a wonder in its season of fruit, completely covering the ground about the plant with large berries. The berries are remarkably large and continue large to the last picking; roundish, slightly flattened and unusually creased on one or both sides, medium firm and quality good; color orange scarlet, ripening well and even. It is certainly the largest yielder of big fruit that grows.

The plant is a beauty, strong, healthy, vigorous; but unfortunately for us a poor producer of runners. It is strictly pistillate and requires some bisexual variety to be planted near to pollinate it.

Price, (pot-grown plants), 50c. per doz., \$3.50 per 100; \$30.00 per 1000.

## CHIPMAN.

(Early to Mid-Season—  
Perfect Flowering.)

(Shown in colors on the back cover.)

A new Strawberry from Delaware that is highly thought of. The plant is of strong upright growth with large healthy foliage free from rust or scald.

It is a very prolific bearer of glossy red fruit medium to large in size, a little irregular in form but of the popular old Bubach type, though the Chipman has a perfect blossom, it is a good pollinator for mid-season pistillates. The berries may not be firm enough for long shipments to market, but for home consumption it is ideal.

Price (pot-grown plants) 60c. per doz., \$4.00 per 100; \$35.00 per 1000.

## CLIMAX.

(Extra Early—Perfect Flowering.)

A very popular variety in some strawberry growing sections on account of its great and extremely early production of handsome large fruit. The berries are almost round tapering slightly at the tip; the surface is glossy red—the color extending through the flesh—the latter being richly flavored and very juicy making it especially good for short cake, canning, etc., it is a little too soft as a shipping berry for distant markets, but for home use and local trade it is highly recommended.

The plants are tall vigorous growers with ample dark green foliage which well protects the fruit.

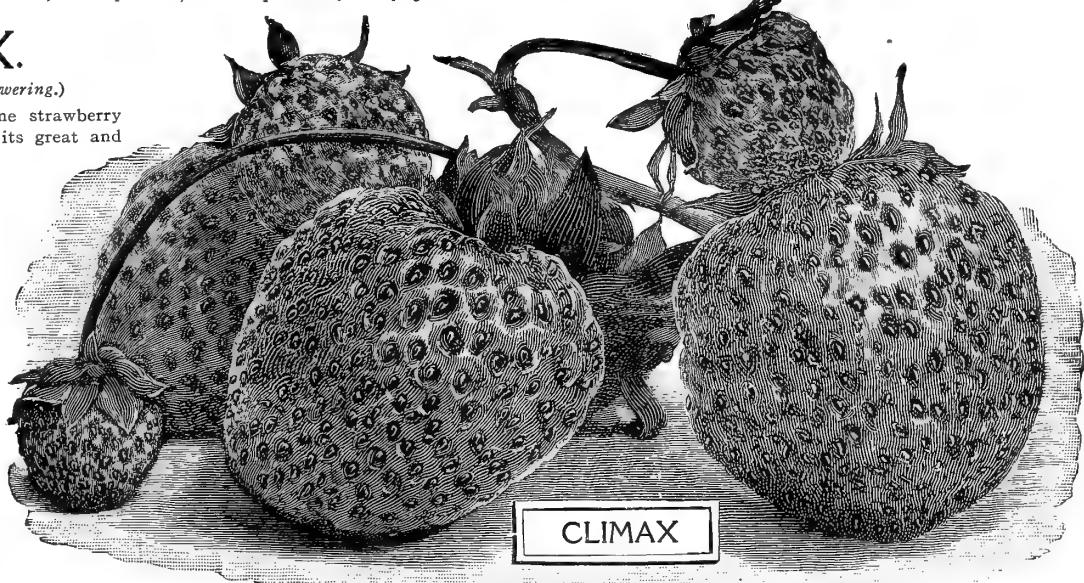
Price, (pot-grown plants), 60c. per doz.; \$4.00 per 100; \$35.00 per 1000.

## CLYDE.

(Early—Perfect Flowering.)

Few strawberries have given better satisfaction in all parts of the country. It is one of the very best medium early varieties—it is a week earlier than Bubach and very firm; large, bright scarlet berries of fine flavor. The plants are strong growers—deep rooting, stand drought well, free from rust and disease. It thrives particularly well during a dry season—with plenty of sun—bringing its fruit to maturity under surprisingly unfavorable conditions. It is a great basket filler, the whole vigor of the plant seems to go into fruit, and we highly recommend it.

Price (pot-grown plants), 60c. per doz.; \$4.00 per 100; \$35.00 per 1000.



## "COMMON- WEALTH"

(Very Late—Perfect Flowering.)

Shown in color on back cover.

This most valuable very late strawberry was raised by a gentleman in Massachusetts, and is the result of his effort to produce a berry which would perceptibly lengthen the strawberry season. In the "Commonwealth" we have a berry as large as the largest—as productive as any of the large fruiting varieties, and as fine flavored and juicy and as dark colored as any strawberry grown. The berries of the largest size are broadly cone shaped and quite smooth—moreover, it is very late. On the 17th of July as good berries were picked from it as earlier in the season; the last berries were picked July 22 (Marshall, McKinley and Glen Mary grown side by side with it being gone). The plant is a good strong grower—hardy, shows no sign of rust, and bears a strong staminate blossom. It is exceedingly productive. The Massachusetts Horticultural Society awarded the "Commonwealth" strawberry first prize over all competitors.

Price, (pot-grown plants), 60c. per doz.; \$4.00 per 100; \$35.00 per 1000.



## EARLY OZARK.

(Extra Early—Perfect Flowering.)

Shown in color on back cover.

A very promising new strawberry from Missouri. It is a cross between the popular varieties Aroma and Excelsior. The originator says "it is the largest extremely early berry ever introduced ripening with the small "Michel's Early" and as big as the late large fruiting sorts;" 15 berries of Ozark often fill a quart basket."

The berries are almost round and bright red in color. The plant is a grand grower with healthy large dark green leathery foliage, and exceedingly prolific.

Price, (pot-grown plants) 60c. doz.; \$4.00 per 100; \$35.00 per 1000.

## EXCELSIOR.

(Extra Early—Perfect Flowering.)

This variety promises to be one of the very best extra earlies yet introduced—it ripens three to four days earlier than Michel's Early and is a vigorous, healthy grower—unusually productive for so early a sort—outyielding other standard earlies two to one, while the fruit averages large is very handsome and firm.

Price, (pot-grown plants), 50c. per doz.; \$3.50 per 100; \$30.00 per 1000.

## FENDALL.

(Mid-season to Late—Perfect Flowering.)

This new candidate for popular favor is a seedling of the splendid variety—Wm. Belt. The merits of the Fendall are great vigor of plant, splendid root-system, wonderful productivity, large size of fruit, fine flavor and length of bearing season. The berries are perfect beauties, rich red in color, smooth and glossy, with long stems and large showy caps. In size the berries are not surpassed by those of any other variety grown while the flavor is superior to that of most large fruited sorts. The plants root so deeply the roots going 10 to 12 inches in the ground that they are but little influenced by droughts—yielding a good crop when most other sorts are shy under this condition. The length of bearing season is unusual—berries picked from June 2 to July 10 is its record. Price, (pot-grown plants), 60c. per doz.; \$4.00 per 100; \$35.00 per 1000.

If Strawberry Plants are desired by mail, add for postage 10c. to the dozen price and 75c. to the hundred price.

PROCURABLE ONLY FROM

PETER HENDERSON & CO., NEW YORK.

7

## FREMONT WILLIAMS.

(Late—Perfect Flowering.)

A valuable late variety that is highly recommended by many growers of the North and West both for the home garden and for market. The plants are healthy, of medium size, compact, not subject to rust or mildew and very prolific. The berries are large and uniform, conical in shape and very firm. The surface color is a dark glossy crimson and that of the flesh light red. The flesh is of fine texture and the flavor all that could be desired. The calyx is large and separates readily from the fruit making it easy to hull.

Price, (pot-grown plants), 60c. per doz.; \$4.00 per 100; \$35.00 per 1000.

## GANDY.

(Late—Perfect Flowering.)

One of the best late strawberries ever introduced. Strictly fancy. The fruits are uniformly large and perfect in form and firm. Color, bright crimson and as glossy as if varnished. It has a large bright green calyx, which greatly adds to the beauty. This is one of the latest and best flavored berries we have. The quality is all that can be desired, giving out a most delicious aroma suggestive of both strawberries and peaches. It ripens from late to very late. The plants are very vigorous growers. In well-fertilized soil this berry is a big yielder.

Price, (pot-grown plants), 50c. per doz.; \$3.50 per 100; \$30.00 per 1000.

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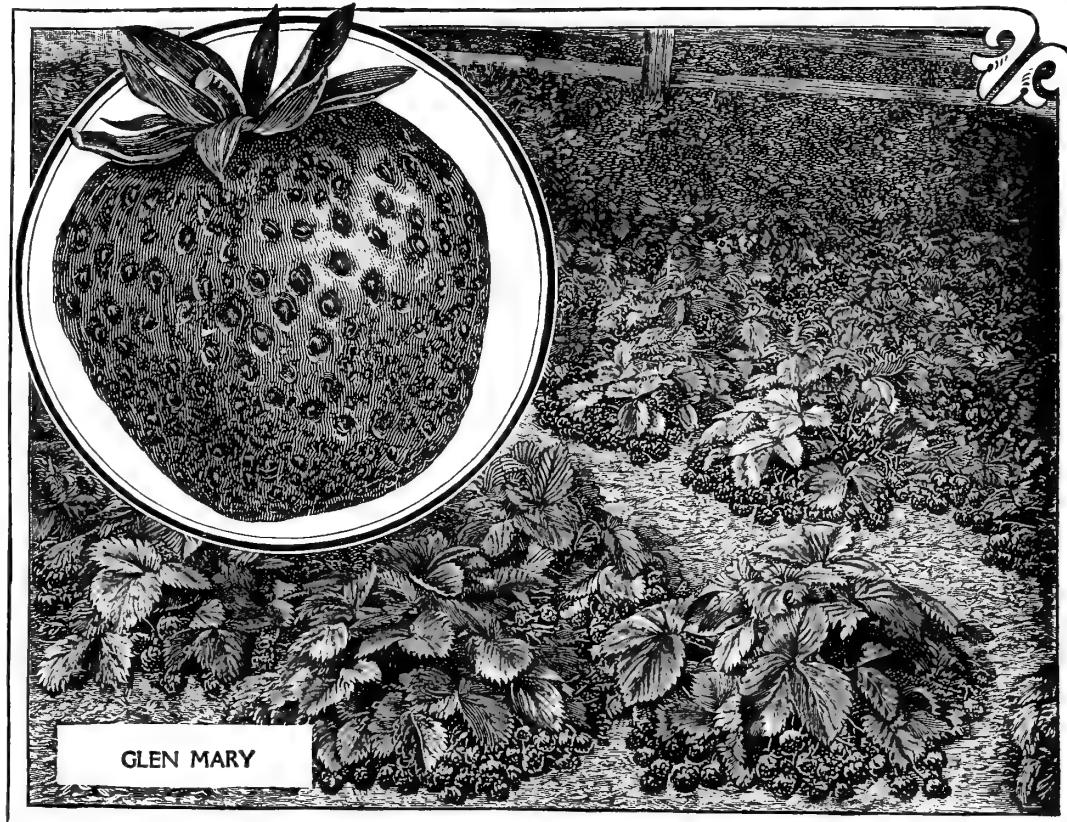
## GLEN MARY.

(Mid-Season—Perfect Flowering.)

This is one of the best strawberries for large size, good quality and large yield that has ever been offered to the American people and in these three respects we believe it has no equal. We especially recommend it for the home garden and nearby markets. In productiveness it is unsurpassed—last season a quarter of an acre plot yielded 1280 quarts at one picking, and over 12,000 quarts were gathered during the season from one acre and this without any special petting or culture. In size the berries average extraordinarily large, twelve specimens will fill a quart; the size holds up well until the end; in shape the berries are broadly heart-shaped often widening at the tip; color dark glossy crimson fairly firm and of excellent quality; plant strong and healthy.

Price, (pot-grown plants), 50c. per doz.; \$3.50 per 100; \$30.00 per 1000.

GLEN MARY



Remember Henderson's Pot-Grown Strawberry Plants set out this Summer will bear a full crop next Spring.



## GREAT RUBY.

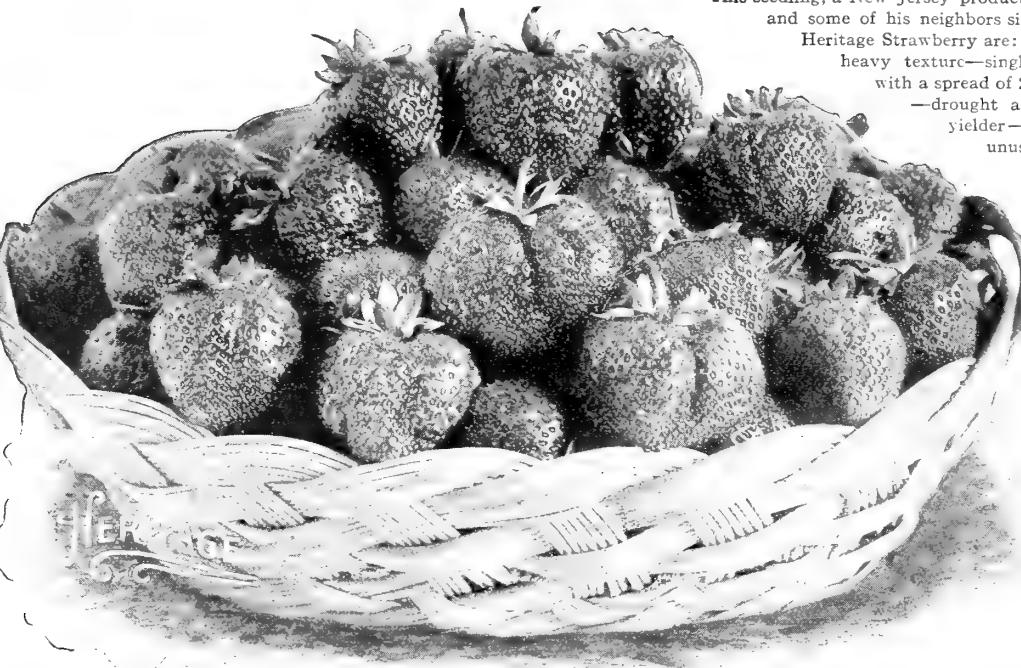
(Mid-season to Late—Pistillate).

This seedling strawberry has proven to be one of the finest varieties ever introduced. It has become a popular favorite with growers and consumers of strawberries. The healthy, vigorous growth, remarkable productiveness, immense size, handsome uniform shape, deep lustrous crimson color, and, above all, the rich luscious flavor combined with the delightful aroma render Henderson's "Great Ruby" peerless among strawberries. It commences to ripen soon after the early varieties, and bears until nearly all others are gone.

The luxuriant growth of the plant and its remarkable deep-rooting qualities enable it to produce beautiful large berries even during a dry season, when other varieties are withered and fruitless.

Price, (pot-grown plants), 60c. per doz.; \$4.00 per 100; \$35.00 per 1000.

Remember: Henderson's Pot-Grown Strawberry Plants will bear a full crop next season.



## GREAT RUBY.

(Mid-season—Perfect Flowering.)

A very beautiful and distinctive new seedling variety. The berries are of a very long oval shape topped with a long slim neck so they are easily hulled. They are very perfect and uniform in shape and size averaging large—often 3 inches in length. It is a mid-season fruiter and very prolific, 10 to 14 of these beautiful berries being borne on each fruit stalk. The flavor is very mild and sweet with a delightful aroma and it is absolutely free from acidity; the texture of the flesh is fine grained throughout without stringiness or core and it is a berry with but few seeds. The plants are thrifty growers with dark green foliage. People who do not enjoy the sprightly acid strawberries will relish Kevitt's Wonder. Price, (pot-grown plants), 60c. doz.; \$4.00 per 100; \$35.00 per 1000.

## KEVITT'S WONDER.

(Mid-season—Perfect Flowering.)

This seedling, a New Jersey production has been grown by the originator and some of his neighbors since 1903. The prominent merits of the Heritage Strawberry are: The plant is very large of extremely heavy texture—single crown plants often carrying foliage with a spread of 20 to 22 inches. It is very deep rooting—drought and disease resisting and a prodigious yielder—from mid-season until very late of unusually large and beautiful berries of a dark shining crimson color and round tapering conical in shape.

A large heavy green calyx adds to its beauty and desirability as a table berry. The flesh is solid of fine texture and its delicious flavor is unsurpassed.

For the home garden the Heritage Strawberry is unsurpassed—it makes fine fruiting beds, the large berries—16 to 18 fill a quart box—hold up in size to the very last. While for market it is a wonder—yielding 8000 quarts per acre under favorable conditions—and even in poor seasons has never yielded less than 6000 quarts per acre.

Price, (pot-grown plants), 60c., per doz.; \$4.00 per 100; \$35.00 per 1000.



## New York

(Mid-season—Perfect Flowering.)

This is the strawberry, a seedling of Bubach and Jessie raised by a New York lady, that captured the prize of \$100 in gold offered for the best and largest variety. The plant is an unusually robust grower, making but few runners, throwing its strength and vigor into the magnificent berries, which, in consequence, are produced in great abundance and are of immense size, sometimes measuring over seven inches in circumference. In form they are very handsome and regular, of a rounding conical shape. Color—crimson-scarlet dark, rich and inviting, coloring all over leaving no green tips. The flavor is deliciously rich and melting. For a family strawberry the "New York" is eminently adapted, but its large size and delicate texture would possibly prevent the berries from arriving in good condition in distant markets. Price, (pot-grown plants), 50c. per doz.; \$3.50 per 100; \$30.00 per 1000.

Remember Henderson's  
Pot-Grown Strawberry  
Plants set out this Summer  
will bear a full crop  
next Spring.

## MANHATTAN.

(Late—Perfect Flowering.)

This new variety originated in New Jersey. It makes a large plant and is very productive. The trusses are short, stout and erect, carrying the fruit above the ground. The berries are rounding, slightly corrugated, but rarely misshapen and many of the "Crownberries," those that ripen first on each stem often weigh an ounce a piece. Some even reach two ounces. They are bright crimson in color; flesh pink, firm, juicy, mild and nearly sweet in flavor. Price, (pot-grown plants), 60c. per doz.; \$4.00 per 100; \$35.00 per 1000.

## MARSHALL.

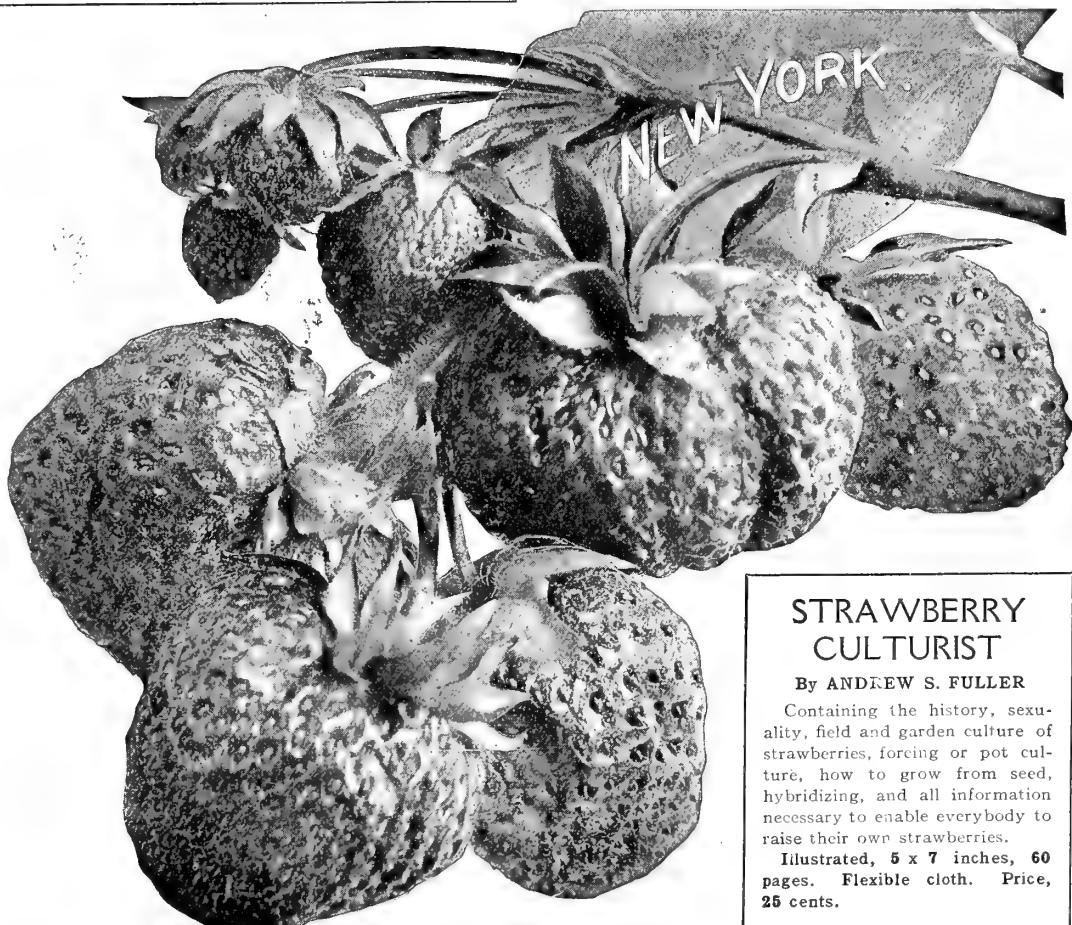
(Mid-season—Perfect Flowering.)

The berries are very beautiful and average extraordinarily large—often 14 fill a quart measure. As an exhibition berry and for home use it is peerless—it captures the prize wherever exhibited, almost without exception. It is the first of the extra large berries to ripen, and although of great size, the fruit is rarely ever misshapen. The color is a rich glossy crimson that everyone admires—the surface color running well into the flesh, and the quality is far above the average. As to productiveness, it will not yield as large a number of berries as some varieties, but when measured in quarts or bushels, will be above the average. The plant is faultless, a strong grower, often standing 20 to 22 inches high, rooting deeply and standing drought well. The large luxuriant foliage is sufficient to protect the blossom from late frosts. Price, (pot-grown plants), 50c. per doz.; \$3.50 per 100; \$30.00 per 1000.

## MICHEL'S EARLY.

(Perfect Flowering—Extra Early.)

Michel's Early is one of the earliest varieties in cultivation that will produce a full crop of berries. It is a robust grower, with never a trace of rust or mildew. It yields bountifully; berries medium to large, handsome, regular conical form, color light scarlet, flavor exquisite. It is a fine sort to pollenate early pistillates. Price, (pot-grown plants), 50c. per doz.; \$3.50 per 100; \$30.00 per 1000.

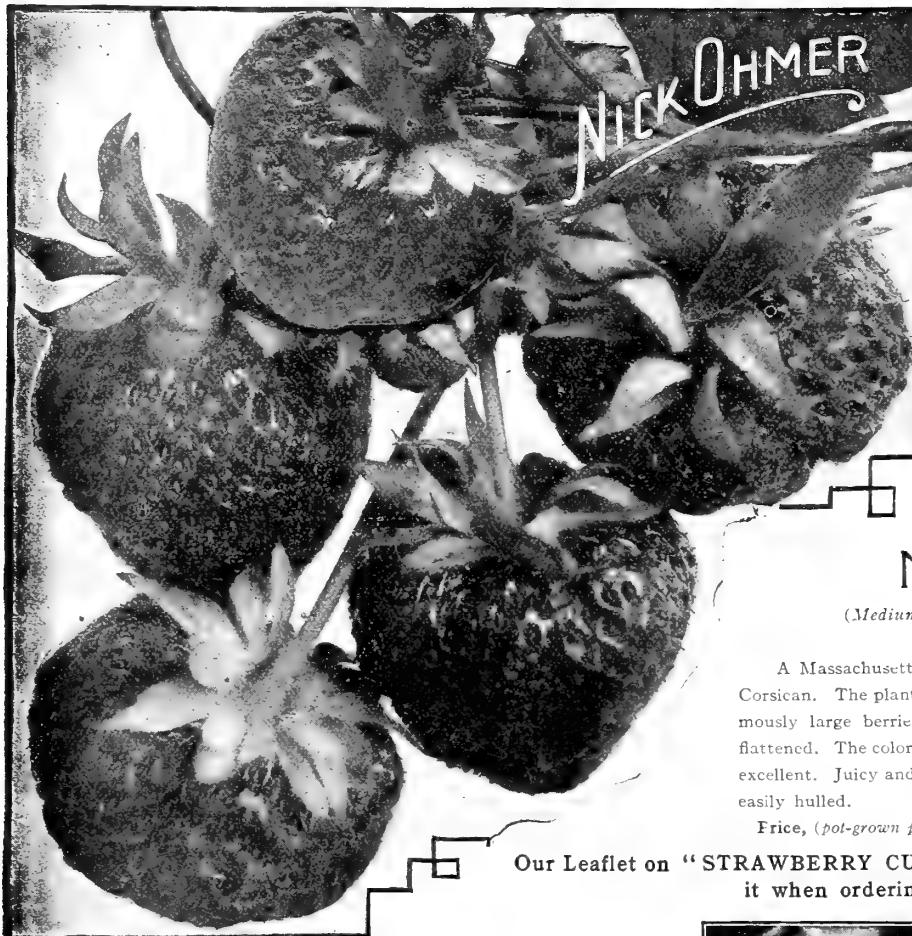


## STRAWBERRY CULTURIST

By ANDREW S. FULLER

Containing the history, sexuality, field and garden culture of strawberries, forcing or pot culture, how to grow from seed, hybridizing, and all information necessary to enable everybody to raise their own strawberries.

Illustrated, 5 x 7 inches, 60 pages. Flexible cloth. Price, 25 cents.



## NICK OHMER.

(*Perfect Flowering—Mid-Season.*)

A berry of Ohio origin and named after the Ex-President of the Ohio State Horticultural Society. The plant is very large and stocky, sending out plenty of very strong runners. It is probably not surpassed in healthy, vigorous growth and great productiveness by any variety. It has a perfect blossom.

The fruit is of the very largest size, a giant among strawberries. It is never mis-shapen. Its only departure from the regular, roundish, conical form is when, under high culture, it is somewhat triangular. It is dark glossy red, firm and of excellent flavor.

**Price, (pot-grown plants), 50c. per doz.; \$3.50 per 100; \$30.00 per 1000.**

## NORWOOD.

(*Medium Early to Mid-Season—Perfect Flowering.*)

(*Shown in color on the back cover.*)

A Massachusetts production said to be a cross between Marshall and Corsican. The plant is large and vigorous, bearing for a long season enormously large berries generally rounded conical in form though sometimes flattened. The color is bright rich red from surface to center and the quality excellent. Juicy and of a pleasantly mild sub-acid flavor. Calyx small and easily hulled.

**Price, (pot-grown plants), 60c. per doz.; \$4.00 per 100; \$35.00 per 1000.**

Our Leaflet on "STRAWBERRY CULTURE" mailed free to those requesting it when ordering Strawberry Plants.

## PATAGONIA.

(*Mid-Season to Late—Perfect Flowering.*)

This variety we especially recommend because of its delicious flavor. It is sweet and spicy and possesses the true Strawberry flavor to a greater degree than any variety we know of. The plant is a healthy vigorous grower and very productive, producing quantities of good medium size berries. They are slightly conical in shape, bright red on the surface with lighter flesh. The texture is fine, the quality good and they have a delightful aroma. The foliage is thick and clean and amply protects the blossoms and fruit which is produced on thick stocky stems. **Price, (pot-grown plants), 12c. each, \$1.25 per doz.; \$8.00 per 100**

## RELIANCE.

(*Mid-Season—Perfect Flowering.*)

The fruit resembles the "Mary" in shape, but larger and heavier. It is remarkably uniform in shape for such a large berry.

The quality is unsurpassed, juicy, luscious, solid to the center, the flavor being what is generally known as "mild."

The color is dark crimson, very glossy and attractive, remarkably even all over the berry, never showing a white tip.

The growth is excellent, large, deep green, handsome foliage. The fruit is borne on strong stalks and in great profusion.

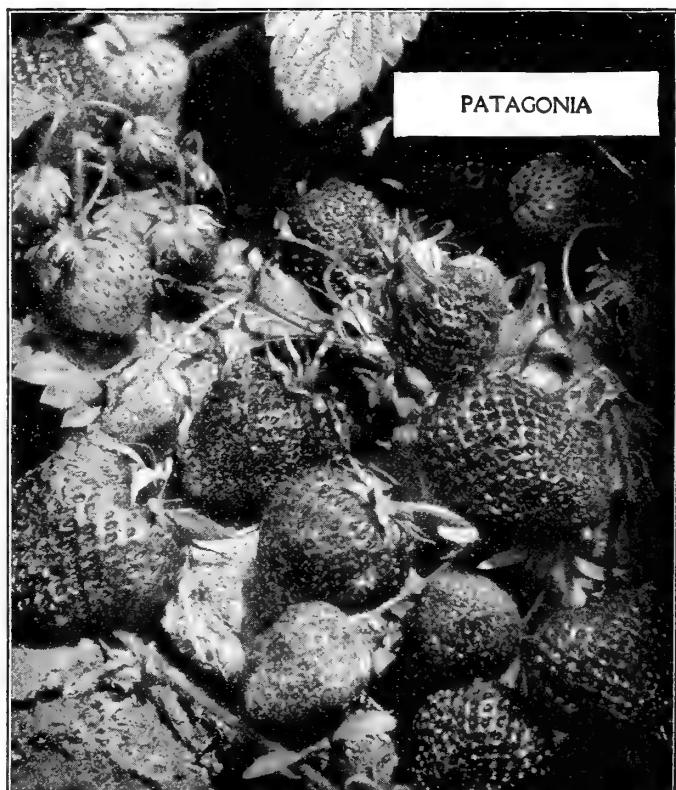
**Price, (pot-grown plants), 50c. per doz.; \$3.50 per 100; \$30.00 per 1000.**

## SHARPLESS.

(*Mid-Season—Perfect Flowering.*)

An old variety, but still one of the most popular. Plant exceedingly vigorous and hardy, enduring both heat and cold without injury. Very productive. Fruit extra large, light crimson, firm and good quality. A profitable and reliable variety for either market or home.

**Price, (pot-grown plants), 50c. per doz.; \$3.50 per 100; \$30.00 per 1000.**

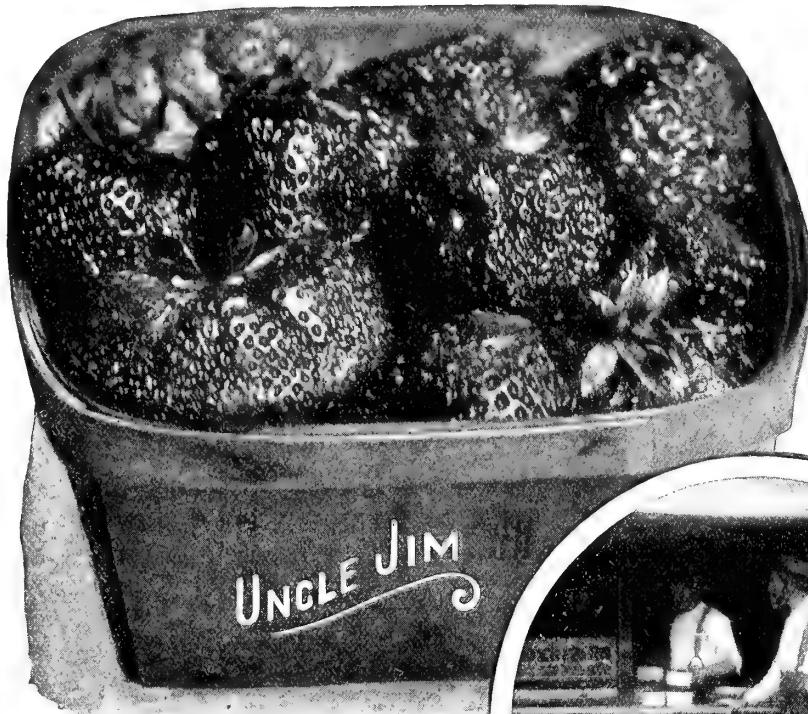


## Steven's Late Champion.

(Late—Perfect Flowering.)

This is a splendid late variety that has won great popularity. One of the latest of the late, it is also one of the best either for the home garden or for market. It is a big producer of fine large, bright colored berries holding up in size well to the very end of the season. The plant is a large healthy grower, making a great mass of roots, insuring it against both drought and frost. Its very late bloom makes it immune to late spring frosts and it is in full fruit when most other varieties have entirely finished their fruiting season.

Price, (Pot-grown plants), 60c. per doz.; \$4.00 per 100, \$35.00 per 1000.



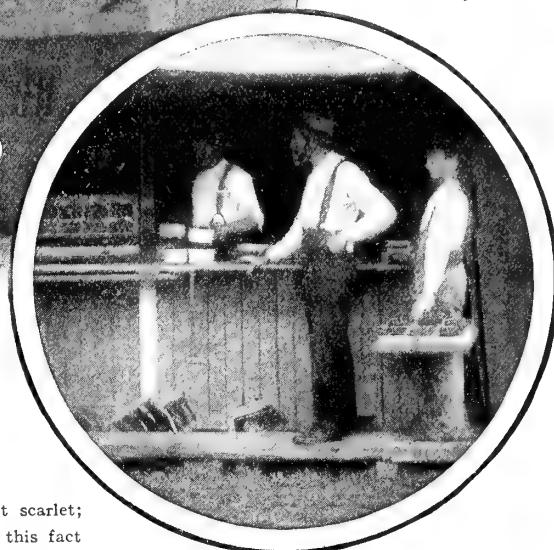
Remember  
Henderson's Pot-  
Grown Straw-  
berry Plants set  
out this Summer  
will bear a full  
crop next Spring.



## SUCCESS.

(Early to Mid-season—Perfect Flowering.)

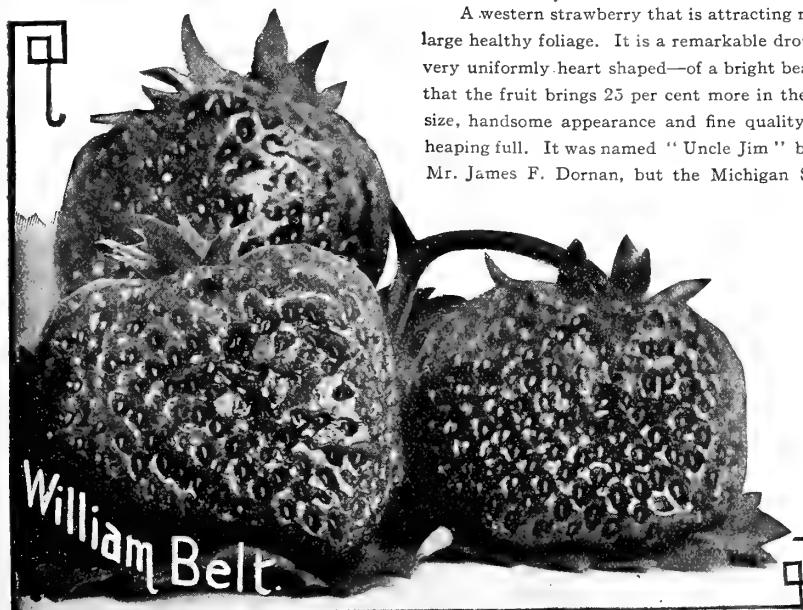
The new early fruiting strawberry is one of the most beautiful as well as the *earliest large* berry we know of, and although early it holds out well through the strawberry season bringing every berry to perfection; the last berries coming in with the later varieties and almost as large as the first borne. The berries are of large globular form, slightly conical, and of a light bright scarlet; the flavor being always fine, mild, sweet and rich. They are a little soft for shipping, but this fact emphasizes their superiority for the home garden. The plant is a vigorous, strong grower, free from rust and abundantly productive. We unreservedly recommend it for the home garden. Price, (pot-grown plants), 50c. per doz.; \$3.50 per 100; \$30.00 per 1000.



## UNCLE JIM or DORNAN.

(Mid-season to Late—Perfect Flowering.)

A western strawberry that is attracting much attention for its superior merits. Plants unusually robust with large healthy foliage. It is a remarkable drought resister and a big and reliable producer of extra large berries—very uniformly heart shaped—of a bright beautiful red color and of high quality. It is claimed by the introducer that the fruit brings 25 per cent more in the Chicago market than any other variety—on account of the large size, handsome appearance and fine quality of the berries, 12 selected berries often filling a quart measure heaping full. It was named "Uncle Jim" by the Chicago commission merchants, in honor of its introducer, Mr. James F. Dornan, but the Michigan State Horticultural Society thought the name not a good one and have registered it as "Dornan." So this variety is now known under both names for above reason. Price, (pot-grown plants), 60c. doz.; \$4.00 per 100; \$35.00 per 1000.



## WILLIAM BELT.

(Mid-season—Perfect Flowering.)

A luxuriant grower, healthy and hardy, very productive, and the berries are very large. It has produced many 8-inch berries. Shape rather long, conical and quite uniform. The color is deep glossy red all over. It is as firm as ordinary berries, and of a better quality than is often found in large varieties. All things considered, it is one of the best varieties for the home grower—the flesh is solid and meaty and of a rich crimson to the core.

Price, (pot-grown plants), 50c. doz.; \$3.50 per 100; \$30.00 per 1000.

## HENDERSON'S SUPERIOR CELERY PLANTS.

Supplied between July 1st and Aug. 25th.  
We offer both plants from Seed Beds and  
Transplanted Plants.

We guarantee arrival of Celery Plants in  
good condition where sent by express and the  
journey does not exceed three days.

We Draw Special Attention  
to our Transplanted Celery  
Plants : : : : : : : :

The result of transplanting is seen in the  
dense mass of fibrous roots that these plants  
possess, and on this account, with ordinary  
care, they are much easier to transplant, and  
are more certain to do well.

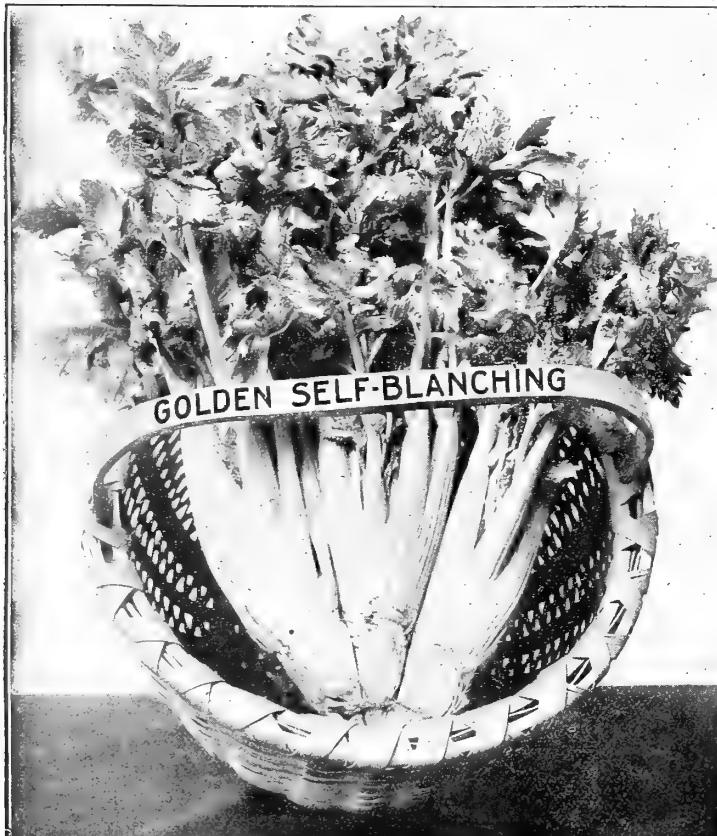


PRICES OF CELERY PLANTS.

By express only, at buyer's expense.

FOR DESCRIPTION OF VARIETIES SEE BELOW.

Plants from Seed Beds.....\$3.50 per 1000; 50c. per 100  
Transplanted Plants.....\$6.00 per 1000; 75c. per 100  
500 plants of one variety supplied at the 1000 rate.



CELERY PLANTS...

EARLY SELF-BLANCHING VARIETIES.

The peculiarity of the self blanching celeries is that they will blanch naturally without the laborious banking up which is essential to ordinary sorts. They are as easy to grow as any other vegetable. If the stalks are drawn together when the plant is three fourths grown and the soil drawn to or pressed around the plant it will soon be fit for use. Boards are sometimes placed close up to the plants, but the result is not so satisfactory as by contact with the earth.

HENDERSON'S  
SILVER SELF-BLANCHING.

This grand Celery is easily described to Celery experts when we say that it is a **Golden Self-Blanching** plant with **White Plume** coloring; it possesses the robust, sturdy, compact habit of **Golden Self-Blanching**, the stalks being even thicker, more solid and heavy, with immense solid hearts and all brittle, crisp and tender, free from string or pithiness, and of delightfully rich flavor.

To these ideal qualities are added the beautiful silver-white coloring and self-blanching characteristics of **White Plume**, that is, the foliage is tipped and variegated with white, while the heart, inner stalks and leaves are naturally white, and the plants may be easily and quickly blanched by leaning boards on either side of the row, without the necessity of banking up. This, combined with its extreme earliness, renders Henderson's Silver Self-Blanching perhaps the most valuable Celery ever introduced.

**Henderson's Perfected White Plume.** The earliest variety grown and can be blanched for the table in September. It is a self blanching variety requiring no "banking up," easily grown by anyone, stalks and inner leaves white, crisp and delicious.

**Golden Self Blanching.** A valuable early variety of compact stocky habit thick, solid and brittle. The large heart, thick stalks and inner leaves are of a beautiful golden-yellow; flavor rich.

**Henderson's Golden Rose.** A pink form of the "*Golden Self-Blanching*." Of the same strong, stocky habit, hardy, early and easily blanched. The stalks are broad, solid heavy and positively brittle, free from ridges and stringiness, to which merits must be added its beautiful coloring golden yellow, suffused with a warm rose hue. It is a good keeper and of a superior quality.

**Henderson's Pink Plume.** Practically identical with "White Plume," with the added merit of the solid, stringless, ivory-white stalks being tinged with pink, rendering it most beautiful. Flavor delicious, crisp and nutty; a strong, healthy, compact grower, self-blanching, early and a good keeper.

For Prices of Celery Plants see top of page.

# HENDERSON'S SUPERIOR CELERY PLANTS



## CELERY PLANTS.

### Second Early and Winter Keeping Varieties.

**Winter Queen.** The finest of all Celeries for winter use. This selection has been bred from Henderson's Golden Dwarf, over which it is a grand improvement; of stocky robust growth making heavy, broad and solid heart stalks of finest quality.

**Giant Pascal.** A desirable long-keeping green Winter Celery; robust, healthy, stocky, about 2 feet high, making broad, thick, stringless stalks and large hearts. It blanches easily to a pearly white when it is crisp and of fine nutty flavor.

**Henderson's Golden Dwarf.** A popular standard variety with large heart and solid cylindrical stalks, blanching waxy golden yellow; crisp and fine, and a splendid keeper.

**Henderson's Half Dwarf White.** Perfectly solid half-round stalks, blanching yellowish-white crisp, tender and of fine flavor.

**Boston Market.** Solid half-round green stalks blanching white; crisp and tender, habit dwarf and robust.

**Giant White Solid.** A long-stalked, large growing variety, often 3 feet high and one of the best for growing in the South; excellent for soup greens.

**Henderson's New Rose.** A splendid variety for late use and an excellent keeper. The color is a beautiful shade of rose, and like all red Celeries, of exceptionally fine flavor; solid, crisp and stringless.

**London Red.** A vigorous kind with broad, solid, tender and brittle stalks blanching to greenish white tinged with purplish red. It is a very hardy good keeping variety of most excellent quality and high flavor.

For prices of Celery Plants see opposite page.

### Henderson's Collections of Celery Plants.

(By express only, buyer paying carriage.)

#### EARLY SELF-BLANCHING VARIETIES.

Silver Self Blanching—White Plume.—Golden Self Blanching—Pink Plume.

Golden Rose.

Collection A	{ 250 strong seed bed plants 50 each of the above }	\$1.35
Collection B	{ 250 transplanted plants 50 each of the above }	\$1.85
Collection C	{ 500 strong seed bed plants 100 each of the above }	\$2.25
Collection D	{ 500 transplanted plants 100 each of the above }	\$3.50
Collection E	{ 1000 strong seed bed plants 200 each of the above }	\$3.85
Collection F	{ 1000 transplanted plants 200 each of the above }	\$6.25

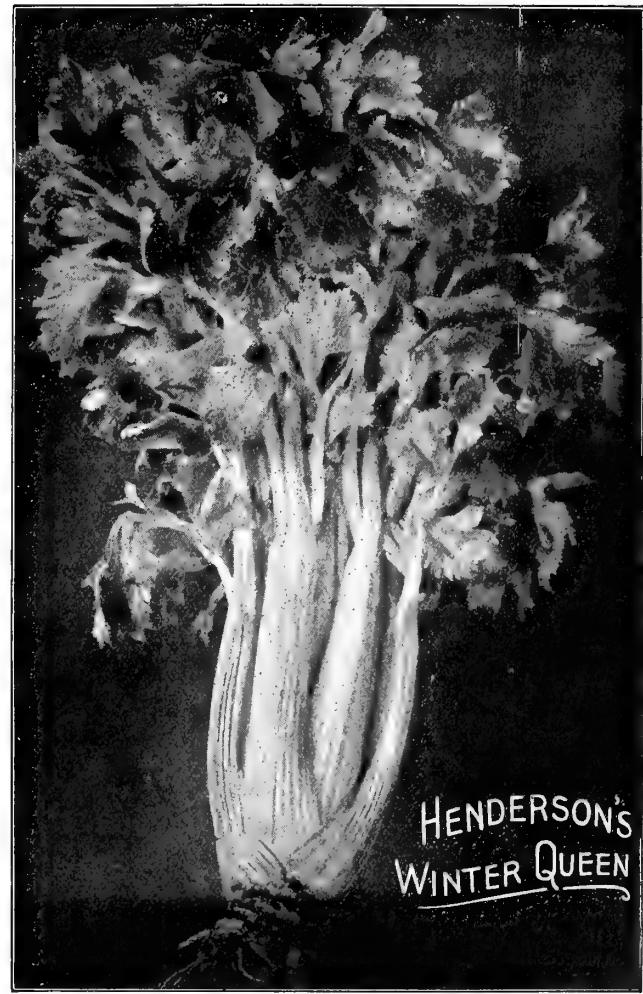
#### WINTER KEEPING VARIETIES.

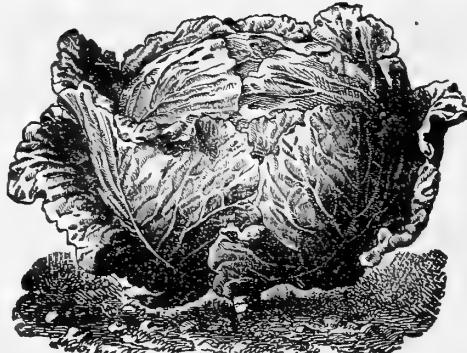
Winter Queen—Giant Pascal—Golden Dwarf—Boston Market—London Red.

Collection G	{ 250 strong seed bed plants 50 each of the above }	\$1.25
Collection H	{ 250 transplanted plants 50 each of the above }	\$1.75
Collection I	{ 500 strong seed bed plants 100 each of the above }	\$2.00
Collection J	{ 500 transplanted plants 100 each of the above }	\$3.25
Collection K	{ 1000 strong seed bed plants 200 each of the above }	\$3.50
Collection L	{ 1000 transplanted plants 200 each of the above }	\$6.00

Second Early and Winter Keeping Varieties

**CELERY** requires to be kept as cool as possible without freezing. For early winter use, it should be partially blanched in the garden; but for late winter use, it should be put away green. Store as late as possible but before freezing. One method is to dig a trench as deep as the celery is high and as narrow as possible to pack the celery snugly in an upright position, roots on the soil. Cover with straw, hay or leaves, then add 6 to 8 inches of soil. In the outdoor cellar it is stood up with roots on moist soil. In the house cellar store the Celery in narrow boxes or barrels—not quite the height of the plants. A few inches of damp soil or sand is placed in the bottom; pack the Celery in upright with roots in contact with the sand; pack moderately tight to exclude the air so the Celery will not wilt. The moist sand at the roots will sustain it. The soil should be watered as often as needed to keep it from drying out—but water through holes about 8 inches apart bored through the boxes just above the soil or sand—do not wet the foliage or stalks. Thus packed and the boxes placed in a cool cellar, Celery will blanch and be fit to use in four to seven weeks, according to the variety.





HENDERSON'S AUTUMN KING CABBAGE.



BRUSSELS SPROUTS.



HENDERSON'S SNOWBALL CAULIFLOWER.

# VEGETABLE

# PLANTS

## FOR SUMMER PLANTING.

Ready from June 15th to August 1st.  
transit charges.

We make no charge for packing vegetable plants, but purchaser pays the

transit charges. They can only be forwarded by express.

## CABBAGE PLANTS

PRICES FOR ALL VARIETIES OF CABBAGE  
OFFERED BELOW \$3.50 per 1000, 50c. per 100.

By express only, at buyer's expense.

**Autumn King, Henderson's.** The acknowledged "King" of all Winter Cabbages, producing enormous solid heads weighing 25 to 30 lbs.; interior crisp, close, fine grained and white; splendid keeper, an entirely distinct variety with such small outer leaves that it can be planted much closer than the ordinary late sorts and be relied upon to produce a greater weight of crop per acre than any other variety. The heads are of that desirable dull green shade. The texture and quality is unsurpassed. "The Sweetest Cabbage ever eaten." It has successfully stood the most severe of all tests, the competition of the market stand, and is prized and relied on by prominent growers in all sections of the country.

**Holland or Danish Ball Head.** This type of winter Cabbage has become very popular of late years on account of its unequalled keeping qualities as well as for the great solidity and weight of the heads; it is strong and vigorous in growth, a little "leggy" but producing large, round, compact heads exceedingly hard and solid, weighing when trimmed, fully one-fourth more than any other Cabbage of equal size; in consequence, it keeps in fine condition until spring. For boiling, slaw, sauerkraut, etc., it is unsurpassed, being crisp, tender and sweet. It seems to grow luxuriantly on all soils and under most conditions, withstanding hot, dry weather, and does not rot from the effects of wet seasons, and the heads do not burst.

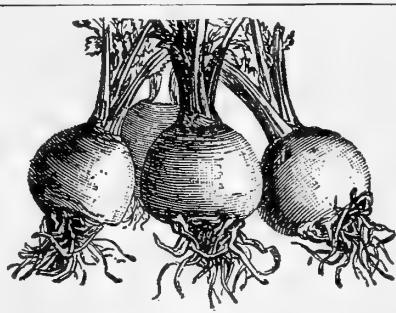
**Henderson's Succession.** By experts it is pronounced the most perfect type of cabbage grown; nearly every Cabbage heads up, of a uniformly perfect shape, large and heavy. Although largely grown for midsummer use, it is most valuable as a fall or winter variety, as its firm, solid heads make it an excellent keeper.

**Late Flat Dutch, Henderson's Selected.** Our improved highly-bred strain of this old favorite Winter Cabbage.

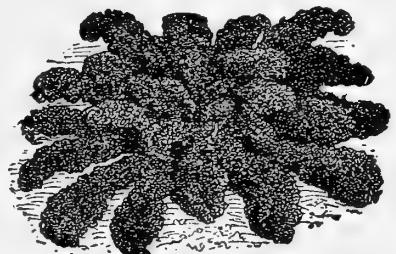
**Drumhead Savoy.** The quality and flavor of this "Crumpled Leaf" Cabbage is very superior; grown in fall and allowed to be touched by frost it is sweet, delicate and most delicious. It is the largest heading Savoy variety and a general favorite for both home use and market.

**Red Dutch.** Used almost exclusively for pickling. It is one of the hardest of all Cabbages.

FOR PRICES OF CABBAGE PLANTS SEE TOP OF COLUMN.



CELERIAC.



DWARF, GREEN, CURLED SCOTCH KALE.



WHITE VIENNA KOHL-RABI.

## CAULIFLOWER PLANTS.

Henderson's Snowball Cauliflower is the standard everywhere for quality with the market gardener and the amateur. While originally recommended and used as an early variety, it has not only supplanted all other sorts for early spring planting, but it has largely driven out the large late sorts for fall use, being much finer in quality, and the one Cauliflower that is absolutely certain to head when conditions are ordinarily favorable, invariably forming a perfect snowwhite head, averaging not less than 9 inches and often attaining a size of 10 to 12 inches in diameter, and the "flower" is so compact, so deep and solid that the heads will out weigh those of any other strain. Price of plants, \$7.50 per 1000, \$1.00 per 100. By express only at buyer's expense.

## MISCELLANEOUS VEGETABLE PLANTS.

ALL OF THE UNDERMENTIONED \$4.00 PER  
1000, 50c. per 100.

By express only, at buyer's expense.

**Celeriac, or Turnip-rooted Celery.** Large Smooth Prague. Produces large turnip-like roots which keep well for winter use; it is highly esteemed either cooked, for flavoring soup or sliced and used as a salad. The bulbs are almost round, uniform, smooth skinned and free from side roots.

**Kohl-Rabi.** Early White Vienna. A bulbous-formed vegetable; when cooked, before fully grown, is tender and excellent, combining the flavors of Cabbage and Turnip. Large, quick-growing, greenish-white skin and tender white flesh.

**Brussels Sprouts. Dwarf Improved.** This variety is a great improvement, being of dwarf, sturdy growth and producing abundantly, large solid "sprouts." These little heads of compactly folded leaves develop along the stalk, and are ready for gathering from June-sown seeds the same season, furnishing a supply of this most delicious of vegetables during fall and early winter, for the plants are hardy and maintain their sprouts, even during quite severe weather; in fact, frost greatly improves their quality and flavor.

**Kale, or Borecole, Dwarf Green Curled Scotch.** Largely grown for supplying "greens" during the fall, winter and spring; used small, like Spinach; also useful in garnishing. The plants are hardy where the temperature does not fall to zero; frost improves the quality.

**Brown German Curled, or Purple.** Purplish, curly leaves.

# VEGETABLE SEEDS

FOR SUMMER SOWING

YOU  
CAN HAVE  
FRESH VEGETA-  
BLES FROM  
YOUR GARDEN  
UNTIL FROST  
BY SUCCESSIVE  
SOWINGS.

MANY  
SUMMER SOWN  
VEGETABLES  
YIELD LARGER  
AND BETTER  
PRODUCTS  
THAN SPRING  
SOWN.

## THE FALL VEGETABLE GARDEN. WHAT TO GROW FOR SUCCESSION.

But few amateur gardeners appreciate the fact that a continuous succession of most vegetables may be grown in the garden and thus supply the table until frost. In fact, many summer-sown vegetables yield larger and better products than the spring-sown. Cabbage, Cauliflower, Celery, Potatoes, Squash and Tomatoes, mature in the fall from spring planting, but many of the quick-maturing vegetables should also be enjoyed. We append a list of the kinds with latest dates for sowing in the latitude of New York City. The varieties chosen for late sowings should be "early" sorts because these come to maturity quicker than "late" varieties.

Successional Sowings may be made up to the dates given.

Bush Beans.....	Aug. 15th	Kohl Rabi.....	July 15th
Beets, early varieties.....	Aug. 15th	Lettuce.....	Aug. 15th
Carrots, early varieties.....	Aug. 15th	Peas, early varieties.....	Aug. 1st
Corn, Sweet, early varieties.....	July 15th	Radish.....	Sept. 15th
Corn Salad.....	Aug. 15th	Spinach.....	Sept. 15th
Cucumber, for pickles.....	July 15th	Turnip, early varieties.....	Sept. 15th
Endive.....	Aug. 1st		

If Corn Salad, Lettuce and Spinach be covered lightly with hay or straw just before the first frost they may be gathered in perfection for several weeks later.

### BEANS. (1 quart to 100 feet of drill, 1 bushel per acre in drills.)

#### DWARF or BUSH, GREEN PODDED.

**Black Valentine, Henderson's.** Early, extra large, round, straight tender pods; enormous yielder and also suitable for late planting...

**Bountiful, Henderson's.** A flat green podded bush bean; a prolific and continuous bearer absolutely stringless and very tender....

**Earliest Red Valentine, Henderson's.** America's standard green podded dwarf snap bean; ready for picking 45 days from planting...

**Full Measure, Henderson's.** A new round green podded bush bean of great productiveness and unsurpassed quality....

**Longfellow, Henderson's.** An extra early long round green podded bush bean. Very prolific and of fine quality....

**Refugee, or 1,000 to 1.** A popular medium to late variety, very productive; extensively grown for pickling; handsome, tender pods....

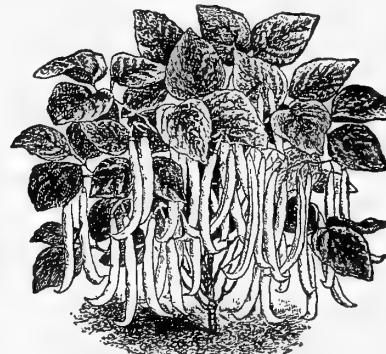
**Refugee Extra Early.** Similar to above but nearly two weeks earlier, almost certain to produce a crop even in unfavorable seasons....

#### PRICES (Add to prices of Beans for free delivery in the U. S. 5c. pt., 10c. qt.)

Pkt.	Pint	Quart	4 Qts.	Peck
10c.	20c.	30c.	\$1.10	\$2.00
10c.	20c.	35c.	1.25	2.00
10c.	20c.	30c.	1.00	1.75
10c.	20c.	35c.	1.00	1.75
10c.	20c.	30c.	1.00	1.75
10c.	20c.	30c.	1.10	2.00
10c.	20c.	30c.	1.10	2.00
10c.	15c.	25c.	.90	1.70



GREEN PODDED BUSH BEAN.



WAX PODDED OR BUTTER BEAN.



CRIMSON BEET.

### BEET. (1 oz. to 50 feet of drill; 5 lbs. per acre in drills.)

**Crimson Globe.** A grand second early and main crop variety; round of medium size; about 3 inches in diameter; rich red tender flesh....

**Detroit Dark Red.** A fine strain of the Early Blood Turnip Beet. Remarkably uniform and smooth, size medium; flesh rich red, fine-grained, and tender. One of the best for the home garden and good to store for winter.

**Early Model.** A splendid English variety; medium early of perfect form and of fine table quality....

**Early Blood Turnip.** An old favorite; round half flattened; flesh dark red and of fine quality....

**Eclipse.** One of the best extra early beets of uniform globular shape; rich red flesh, fine grained, tender and sweet....

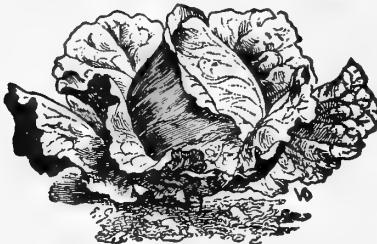
**Egyptian.** A standard extra early, 10 to 12 days earlier than the old Blood Turnip. The roots are round, flattened, of good size and deep crimson....

**Electric.** Extra early, almost globular; an ideal table beet, flesh rich red and tender....

**Long Smooth Blood-Red.** An excellent late variety, being a great improvement on the common Long Blood and of intense dark red color....

For Sugar Beet and Mangel Wurzel, see Farm Seed Department, page 22.

Pkt.	Oz.	1 Lb.	Lb.
10c.	20c.	55c.	1.75
10c.	20c.	60c.	2.00
5c.	15c.	45c.	1.50
5c.	20c.	55c.	1.75
5c.	15c.	40c.	1.40
10c.	20c.	60c.	2.00
5c.	15c.	40c.	1.40



CHARLESTON WAKEFIELD CABBAGE.



HENDERSON'S SNOWBALL CAULIFLOWER.



GOLDEN SELF-BLANCHING CELERY.

## Vegetable Seeds for Summer Sowing

PRICES.  
Delivered free in the U. S.  
(excepting otherwise noted.)

**CABBAGE.** (1 oz. produces 1,500 plants;  $\frac{1}{2}$  lb. to transplant for an acre.)  
**EXTRA EARLY VARIETIES.** (FOR CABBAGE PLANTS, SEE PAGE 14.)

**Early Jersey Wakefield, Henderson's.** This famous Cabbage was introduced by us, and still retains its lead as the best first Early in cultivation. The heads are of pyramidal shape, with blunt peaks, and are remarkably solid. The outside leaves are small, though of great substance, enabling the plants to stand severe weather. Our seed is from highly-bred, selected stock.....

**Early Charleston Wakefield.** This largest Early Cabbage we bred from the Early "Jersey" Wakefield, to meet a demand for a larger heading sort. It possesses all of the characteristics of the parent with the advantage of the heads being fifty per cent larger, though a few days later.....

**Early Spring, Henderson's.** The only Early, round, flat-headed Cabbage; fully one week earlier than any other flat Cabbage, and yielding one-third more than any other extra early; it heads firmly, and is of extra good quality.....

**SECOND EARLY or SUMMER VARIETIES.**

**Early Summer, Henderson's.** This peerless variety makes a large, solid, round, flat head, coming in about ten days later than Wakefield.....

**Succession, Henderson's.** Universally conceded to be the grandest Cabbage in existence for either summer or winter use; heads hard and uniform, 10 to 12 lbs. in weight; quality extra fine and a good keeper.....

**LATE or WINTER VARIETIES.**

**Autumn King, Henderson's.** The acknowledged "King" of all Winter Cabbages, producing enormous solid heads weighing 25 to 30 lbs.; interior crisp, close, fine-grained, white; splendid keeper.....

**Late Flat Dutch, Henderson's Selected.** Our improved highly-bred strain of this old favorite Winter Cabbage will be found very superior.....

**RED VARIETIES.** This class is esteemed for pickling, making slaw, etc.

**Red Dutch.** A popular hard-headed sort for pickling, etc. The best keeper; not extra large, but of excellent quality.....

**Mammoth Rock Red.** A large-growing select strain, producing very solid heads weighing 10 to 12 lbs. each; color, intense dark red.....

**SAVOY VARIETY.** The quality and flavor of these "Crumpled Leaf" Cabbages is very superior; grown in fall and allowed to be touched by frost they are sweet, delicate and most delicious.

**American Drumhead Savoy.** The largest heading Savoy; a general favorite for both private use and marketing.....

**CARROT.** (1 oz. for about 125 feet of drill; 4 lbs. for an acre.)

**Chantenay Half Long Scarlet.** A stump-rooted variety, of handsome shape, medium early, very productive and of fine quality.....

**Coreless, Henderson's.** An early half long, blunt pointed variety handsome, tender and sweet; flesh red-orange color.....

**Danvers, Half Long.** (Henderson's Selected.) A good-sized, handsome, smooth, cylindrical stump-rooted variety, of rich, dark orange color.....

**Half Long Red, Stump-Rooted.** A shapely stump-rooted variety, of medium size and one of the best for private gardens, for summer use; medium early.....

**Intermediate, Henderson's.** The best main crop Carrot, of large size; shape handsome and uniformly tapering; quality tender; core small.....

**New York Market, Henderson's.** Handsome and symmetrical, of bright orange color, flesh crisp, tender and sweet, almost coreless, and unexcelled.....

**Long Orange Improved.** An improved strain of this popular variety for either garden or field culture, roots averaging 12 inches in length and 3 inches in diameter at the top; an enormous yielder and a good keeper.....

**CAULIFLOWER.** Cultural instructions free to customers when asked for.  
(1 oz. for 3,000 plants.) (FOR CAULIFLOWER PLANTS, SEE PAGE 14.)

**Early Snowball Henderson's.** Beyond question the best Cauliflower for either family or market gardens, for early or late, for either forcing, cold frame or open-ground culture; it heads where others fail.....

**Extra Early Dwarf Erfurt.** Until we introduced Snowball this was considered the best early variety; plants dwarf and compact, forming good-sized heads; fine for open-ground fall crop.....

**CELERY.** (1 oz. for 3,000 plants; 1 lb. for sufficient plants to plant an acre.)

(For Celery Plants see page 13.)

**EARLY SELF-BLANCHING VARIETIES.** These grow quickly, blanch easily and are especially adapted for fall and early winter use.

**Silver Self-Blanching, Henderson's.** Combines the stocky growth and habit of Golden Self-blanching with the coloring of White Plume, the stalks and inner leaves blanching pure white, the outer foliage is mottled silvery-white.....

**White Plume, Henderson's Perfected.** The earliest variety grown, and can be blanched for the table in September. It is a self-blanching variety requiring no "banking up," easily grown by anyone; stalks and inner leaves white, crisp and delicious.....

**Golden Self-Blanching.** A valuable early variety, of compact, stocky habit, thick, solid and brittle. The large heart, thick stalks and inner leaves are of a beautiful golden-yellow; flavor rich.....

**CORN, SWEET or SUGAR.** (1 qt. for 200 hills; 8 to 10 qts. in hills for an acre.)

Add to prices of Corn for free delivery in the U. S., 5c. pt., 10c. qt.

**FIRST EARLY VARIETIES.**

**Pocahontas.** The earliest variety grown of dwarf, stocky growth; ears short and well filled with plump white kernels.....

**Cory Early, Red Cob.** One of the best extra early varieties grown; sweet and tender; the plants are stocky, usually bearing 2 ears to a stalk.....

**White Cob Cory.** An extremely early variety, usually fit for the table in from 50 to 60 days from planting.....

**Golden Rod, Henderson's.** The best of all yellow kernelled varieties; handsome ears 7 to 8 inches in length; quality delicious; early.....

**Golden Bantam.** An early dwarf sweet corn with small plump ears of tender yellow kernels.....

**Early Metropolitan, Henderson's.** The largest extra early; a big yielder, unsurpassed quality.....

Pkt.	Pt.	Qt.	4 Qts.	Pk.
10c.	20c.	35c.	\$1.25	\$2.00
10c.	15c.	25c.	.85	1.50
10c.	20c.	30c.	1.00	1.75
15c.	30c.	50c.	1.85	3.50
10c.	20c.	35c.	1.25	2.00
10c.	25c.	40c.	1.25	2.00

## Vegetable Seeds for Summer Sowing

### CORN, SWEET OR SUGAR.—Continued.

#### MEDIUM EARLY VARIETIES.

**Crosby's Early.** A second early; ears 7 inches long; fine quality.....

**Early Champion.** But a few days later than the extra earlies, bearing large, handsome 12-rowed ears, filled with plump, deep white kernels of milky tenderness and very sweet; very productive.....

#### LATE OR MAIN CROP VARIETIES.

**Country Gentleman, Henderson's.** A famous main crop variety; the most delicious sweet corn grown.....

**Mammoth.** A very late variety, producing mammoth ears often 14 inches long, well filled with large broad white kernels of superb quality; unusually productive.....

**Stowell's Evergreen.** A popular favorite. Immense well filled ears. Late.....

**PRICES.**  
Add to prices of Corn for  
free delivery in the U. S.  
5c. pt., 10c. qt.

Pkt.	Pt.	Qt.	4 Qts.	Peck
10c.	15c.	25c.	80c.	\$1.40
10c.	15c.	25c.	80c.	1.40
10c.	25c.	40c.	1.25	2.00
10c.	15c.	25c.	85c.	1.50
10c.	15c.	25c.	85c.	1.50



**CORN SALAD.** Large-Leaved *Fetticus*, or "Lamb's Lettuce." Hardy little plants, grown for late fall, winter and spring use; they form rosettes of tender, edible leaves, which are used as a substitute for Lettuce.....

### CRESS, OR PEPPER GRASS.

**Extra Curled.** Crisp, pungent leaves, finely cut and ornamental; used as a condiment and for garnishing; rapid growing, dwarf and compact.....

**Upland.** The leaves and their flavor somewhat resemble Water Cress, though this sort succeeds in dry soils and is slow in running to seed.....

### CUCUMBER.

1 oz. for 60 hills; 2 to 3 lbs. in hills for an acre.

**Cool and Crisp, Henderson's.** Extra early; exceedingly prolific. Color dark green; splendid either for slicing or pickles.....

**The "Henderson" Perfected White Spine.** This is cucumber perfection, large perfectly formed fruits of deep green color.....

**Early White Spine.** A popular standard variety for either family use or marketing; vines vigorous and healthy, bearing early and abundantly large, handsome, even-shaped fruits of light green color; crisp and of fine flavor.....

**Extra Early Green Prolific.** Similar to but an improvement on Green Prolific, and 10 to 14 days earlier; ideal for pickling.....

**Early Cluster.** An early, prolific, prickly short green variety.....

**Green Prolific.** Short green, productive pickling variety.....

**Long Green.** Dark green fruits 12 to 14 inches long; quality firm, crisp and excellent. It is the best variety for big yellow pickles.....

**Short Green Gherkin.** A thick-set, small, green Cucumber, borne in abundance, and used exclusively for pickling.....

### DANDELION.

Common. Popular for "greens" and blanched for salad.....

**Large-Leaved.** An early, large, broad-leaved variety.....

### EGG PLANT.

(1 oz. for 1,000 plants.)  
**Black Beauty.** A handsome, early, large variety of great merit; a prolific producer of uniformly large purple-black fruits of fine quality, developing with rapidity and ready about two weeks earlier than other large sorts.....

**New York Spineless—Henderson's Improved.** A superior type; low, stocky, spineless plants, early and prolific; purple fruits of the largest size and perfect in form; quality splendid.....

### ENDIVE.

"Escarole" and "Chicoree." (1 oz. for 100 feet of drill.)

One of the best salads, especially when blanched; also much used for garnishing; if boiled makes fine "greens." Successional sowings furnish a supply almost the year round.

**Green Curled.** A popular sort with finely-cut, parsley-like leaves.....

**Broad-Leaved Batavian.** Large, thick, broad leaves; it forms large hearts, which, blanched, form one of the best winter salads; excellent for "greens" and for flavoring soups and stews.....

### KALE, or BORECOLE.

(1 oz. for 150 feet of drill.)  
Largely grown for supplying "greens" during the fall, winter and spring; used small, like Spinach; also useful in garnishing. The plants are hardy above zero; frost improves the quality.

**Dwarf Green Curled Scotch.** Beautifully curled, bright green leaves.....

**Siberian.** Green, curly leaves; tender and of delicate flavor.....

**Brown German Curled, or Purple.** Purplish, curly leaves.....

### KOHL-RABI.

A bulbous-formed vegetable; when cooked, before fully grown, is tender and excellent, combining the flavors of Cabbage and Turnip.

**Early White Vienna.** Large, quick-growing, greenish-white skin and tender white flesh.....

**Early Purple Vienna.** The outside color is purple; flesh white and delicate.....

**Short-Leaved Early White Vienna.** Early and rapid growing, with few and small leaves; the most delicately flavored; indispensable for frames and forcing; can be planted closely.....

### LEEK.

(1 oz. will sow 100 feet of drill.)

**Large American Flag.** This very superior variety produces white, uniformly large stems 2 inches in diameter by 10 inches long, of delicate flavor.....

**Musselburgh, or Scotch Champion.** Large-growing, broad, flat-leaved variety

stems 3 inches in diameter by 6 to 8 inches long.....

### LETUCE.

(1 oz. for 3,000 plants.)

#### HEAD VARIETIES.

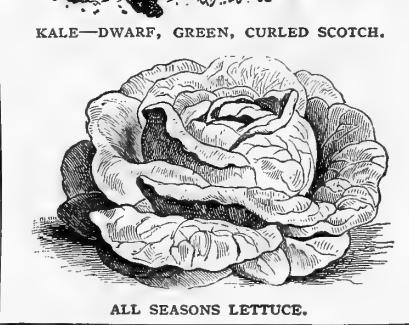
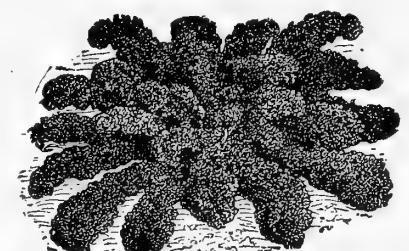
**All Seasons.** This variety is very popular where known; it is one of the best of the "Butterhead" lettuces; medium to large in size, of attractive appearance having broad pale green leaves and a large, round, compactly formed head of delicious quality, crisp and of that buttery character so much liked. As implied by its name it may be grown in the open, spring, summer or fall. It is a great heat resister, preserving its freshness under trying conditions, and is slow in bolting to seed.....

**Big Boston, Henderson's.** A grand, large, solid heading variety, for frame and open-ground culture, heading at all seasons; crisp, tender and sweet, well-blanching leaves.....

**Boston Market, or White-Seeded Tennis Ball.** A popular, early, small, compact-heading variety.....

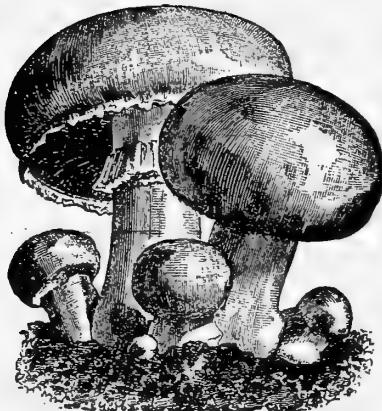
**Mammoth Black-Seeded Butter.** Similar to, but larger than the above, enormous heads, tender, sweet and crisp.....

Pkt.	Oz.	1/4 Lb.	Lb.
5c.	10c.	25c.	75c.
5c.	10c.	20c.	60c.
10c.	40c.	1.25	
10c.	20c.	50c.	1.50
10c.	20c.	60c.	1.75
5c.	15c.	40c.	1.25
5c.	15c.	35c.	1.10
5c.	10c.	30c.	.90
5c.	10c.	30c.	.90
5c.	15c.	35c.	1.10
5c.	10c.	30c.	.90

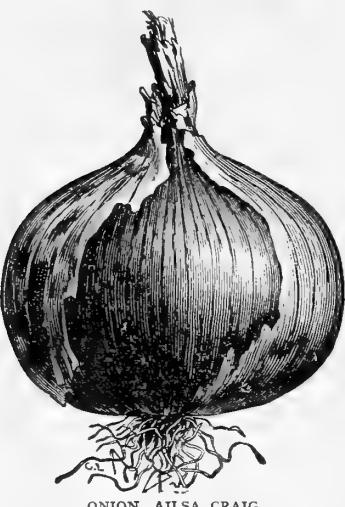




TRIANON COS LETTUCE.



MUSHROOMS.



ONION, AILSA CRAIG.



PARSLEY.

## Vegetable Seeds for Summer Sowing

### LETUCE. HEAD VARIETIES. *Continued.*

**Golden Queen, Henderson's.** One of the best first early head Lettuces for either open-ground or frame culture and a good forcer; medium-sized, solid, golden-yellow heads, crisp and tender.....

**Long Island.** A magnificent selection for spring and early summer use; solid, crisp and tender, and of inviting appearance.....

**Mignonette** A small, sturdy, nearly "all-head" Lettuce; the solid, compact hearts are creamy-yellow, of very superior quality, sweet, mild, tender and crisp; outside leaves tinged russet. It is very early, hardy, long-standing, and an excellent "all-seasons" variety and fine for late fall crops in cold frames.....

**New York, Henderson's.** The king of all summer Lettuces; immense heads, often 15 to 18 inches across, as solid as Cabbage; blanches beautifully; crisp, tender and delicious.....

**Salamander Perfected, Henderson's.** Medium early; remains long in head without running to seed and great heat resister; heads of good size, compact and tender; light green outside, white within.....

**Tenderheart, Henderson's.** A grand new large head lettuce. Solid, tender crisp and of extra fine quality.....

**CURLED OR CUTTING VARIETIES.** This type does not form compact heads, but large masses of curly, crisp leaves, which are practically ever-bearing as they keep growing after picking; the best of these are:

**Early Curled Simpson.** Forms a compact mass of yellowish-green, curly leaves, earlier than head Lettuces; largely grown in cold frames and the open ground.....

**Black-Seeded Simpson.** The plants forming large, loose masses of curly and crumpled yellow-green leaves, which are very tender, crisp and delicious. It stands the summer heat splendidly and is practically everbearing, for as the leaves are picked new leaves will grow.....

**COS, "CELERY" or "ROMAINE" VARIETIES.**

These form large, elongated, compact heads that blanch mild and crisp.

**Express, Henderson's.** A very early Cos Lettuce of dwarf, compact growth, heading up without tying. The self-folding inner leaves blanch beautifully white, crisp and tender. It stands hot weather splendidly.....

**Trianon Cos.** Firm, large, conical heads, blanching snowy-white; crisp, tender and sweet, requires tying.....

### MUSHROOM SPAWN. *Our leaflet on Mushroom Culture free.*

May be grown where a fresh supply of horse manure, and a tight shed are available, and where a temperature of 50 to 60 degrees can be maintained.

**American Pure Culture.** Produced by a new method from virgin spores.

Sold in bricks.....

**Henderson's Superior English.** The Standard. Frequent importations insure freshness, vigor, and active mycelium. Sold in bricks.....

**New Virgin. French.** Of vigorous and rapid growth, producing large, fine mushrooms of superior quality. Sold in tablets. Price 15c. each, \$1.50 per doz., \$10.00 per 100. *Delivered free in the U. S.*

**PRICES.**  
Delivered free in the U. S.  
(*excepting otherwise noted.*)

Pkt.	Oz.	1 Lb.	Lb.
10c.	25c.	80c.	\$2.50
10c.	20c.	60c.	2.00
10c.	25c.	80c.	2.50
10c.	20c.	70c.	2.25
10c.	25c.	65c.	2.00
10c.	25c.	75c.	2.50
5c.	15c.	45c.	1.50
10c.	20c.	55c.	1.50
10c.	20c.	60c.	1.75
10c.	20c.	60c.	1.75

(*Buyer pays transit on Mushroom Spawn.*  
*For free delivery in the U. S., add 10c. per lb.*)

Per lb.	8 lbs.	100 lbs.
20c.	\$1.30	\$14.00
15c.	1.00	10.00

### OKRA, or GUMBO. *The pods sliced are esteemed for soups, stews, etc.; and must be gathered when young.*

**White Velvet, Henderson's.** Large, round, smooth pods; never ridged; prolific. **Dwarf Prolific.** Of dwarf, stocky growth, very early and prolific.....

**Long Green.** Long, slender, pale green pods, very tender.....

Pkt.	Oz.	1 Lb.	Lb.
5c.	10c.	25c.	70c.
5c.	10c.	20c.	60c.
5c.	10c.	20c.	60c.

### ONION. *Henderson's Onion seed is noted among critical Onion raisers for its superiority in quality, yield, weight, shape, trueness to type, uniformity, small necks, as well as for high germination; it is absolutely unsurpassed, (1 oz. for 100 feet of drill; 5 to 6 lbs. in drills for an acre.)*

**Ailsa Craig.** An English onion very popular for its handsome appearance and magnificent size—often measuring when well grown up to 17 inches in circumference and weighing up to 3 pounds each. Shape nearly round; color of skin russet-yellow; flesh white and delicate.....

**Prizetaker.** One of the finest varieties for the American climate; grows to an immense size, 12 to 15 inches in circumference, often larger; of handsome globe shape, skin pale straw, flesh sparkling white, of delicate and mild flavor; a phenomenal yielder, and a good keeper for fall and early winter use.....

**White Portugal, or Silver Skin.** An excellent and popular Onion for the family garden; of medium size, flat, symmetrical, very early, good keeper, skin and flesh white, fine-grained and unusually mild and delicate; also largely used for pickles when small.....

**White Bunch.** Of vigorous growth, producing large, showy, white onions, of fine, mid quality, especially adapted for using when young.....

25c.	60c.	2.00
10c.	25c.	70c.
10c.	25c.	70c.
5c.	20c.	60c.
10c.	25c.	70c.

### ITALIAN, BERMUDA AND PICKLING VARIETIES.

**Adriatic Barletta.** Extremely early; small, pure white with silver skin, flesh mild but firm; unexcelled for pickling.....

**Crystal White Wax.** An early type of Bermuda Onion. Pure white flesh of remarkable mildness, tenderness and fine flavor.....

**Bermuda, White.** Flat, grows very quickly, exceedingly mild in flavor.....

**Bermuda, Red.** Large, flat; light red-skinned onions of mild flavor.....

**Giant White Garganus, or Silver King.** White-skinned, white-fleshed onions, of flattened shape, growing to an immense size.....

**Mammoth Pompeii or Red Garganus.** Has produced onions weighing 4 to 5 lbs. each. Skin red; flesh nearly white. Very mild.....

**Queen.** A very early, small, flat, white and mild pickle Onion.....

10c.	25c.	80c.	2.75
10c.	35c.	85c.	3.00
10c.	25c.	80c.	2.75
10c.	25c.	75c.	2.50
5c.	25c.	75c.	2.50

### PARSLEY. *(1 oz. for 150 feet of drill.)*

**Champion Moss Curled.** Densely crimped and curled, dark green leaves; beautiful for garnishing; a very select and productive stock.....

**Henderson's Emerald.** Distinct, handsome bright green, finely cut and very curled moss-like leaves. Plant of dwarf habit, productive and unsurpassed for either private use or marketing.....

**Extra Double Curled.** A popular, fine dwarf, beautifully curled sort.....

**Hamburg, or Turnip-Rooted.** The fleshy roots of this kind resemble small

Parsnips and are esteemed for flavoring soups, stews, etc.....

5c.	15c.	40c.	1.25
10c.	15c.	40c.	1.25
5c.	15c.	35c.	1.20
5c.	20c.	55c.	1.75

## Vegetable Seeds for Summer Sowing.

**PEAS.** (1 quart to 100 feet of drill; 2 to 3 bushels for an acre.)  
(Those prefixed \* are wrinkled varieties; all others are smooth.)

### DWARF EXTRA EARLY VARIETIES. (Require no staking or brush.)

- \*Melting Marrow. Height, 15 inches. Early, but not the earliest Pea grown; it follows immediately after the extra early sorts, thus filling in the gap between these and the midsummer varieties, though by successive sowings Melting Marrow Peas may be long enjoyed.
- \*American Wonder. 10 to 12 inches. Extra early; of dwarf, compact growth; wrinkled; of the finest quality.
- \*Nott's Excelsior. 14 inches. A superior dwarf, wrinkled early; ready for the table in about 45 days; vigorous constitution and wonderfully productive; quality extra fine.
- \*Premium Gem. 15 inches. A fine dwarf Pea of the Little Gem type, on which it is a great improvement.

### EXTRA EARLY VARIETIES OF MEDIUM HEIGHT.

- Alaska. 2 feet. A wonderfully early, smooth, blue Pea; vines slender; pods very dark green, about 3 inches long, well filled with small, smooth, blue-green peas. The earliness, uniformity in ripening and deep color render it a desirable market and canning Pea.
- First of All, Henderson's. 2½ feet. An extra early, round, smooth white Pea unequalled in earliness, uniformity in ripening, size, yield and flavor. The universally popular extra early Pea.
- \*Prosperity, Henderson's. 2 feet. The earliest long-podded, large wrinkled or "marrow" Pea grown; it produces enormous tender, sweet and luscious "marrow" peas. Productive and vigorous.
- \*Thomas Paxton. 3 feet. A fine new early wrinkled marrow, resembling Prosperity, though a little darker in color; vigorous constitution and a heavy and reliable cropper.

### SECOND OR MEDIUM EARLY VARIETIES.

- \*Advanced. 2½ feet. A reliable second early, medium sized pods compactly filled with large wrinkled dark green peas.
- \*Heroine. 2½ feet. A medium early green, wrinkled Pea of high merit; large pods containing 8 to 10 immense, luscious, marrow peas, of rich flavor, very prolific.
- \*Horsford's Market Garden. 2 feet. A grand wrinkled Pea, noted for its uniform growth and prodigious yield. The pods, though of medium size, are packed with peas of sweet flavor.

### MAIN-CROP OR LATER VARIETIES.

- \*American Champion, Henderson's. 4½ feet. A grand, large-podded, wrinkled Pea, each pod containing from 8 to 10 immense peas; the largest of all varieties, while the quality is remarkably fine, tender, rich and sweet; very productive.
- \*Champion of England. 5 feet. A superior selection of this well-known favorite, noted for the rich, marrow-like quality of its immense, wrinkled peas.
- \*Juno. 2 feet. A dwarf main crop, green, wrinkled, marrow Pea of superb flavor and vigorous constitution; remarkably prolific.
- \*Telephone. 4½ feet. Strong-growing, exceedingly productive pods of largest size, containing 6 to 7 large, wrinkled, marrow peas of rich, sugary flavor.

**RADISH.** (1 oz. for 100 feet of drill; 9 to 10 lbs. in drills for an acre.)

### EARLY ROUND OR TURNIP-SHAPED VARIETIES.

- Early Scarlet Turnip. The popular standard; of medium size, bright scarlet color, rapid grower and of mild flavor.
- Rose Turnip, Henderson's. Very early, maturing in 23 days; skin of attractive rose color, flesh sparkling white.
- Early White Tipped Scarlet Turnip. Round, bright scarlet, with attractive white tip, matures in 25 days.
- Early Round Dark Red. Handsome, rich, dark red; medium and uniform in size; remains fit to use for a long time.
- Rapid Forcing. Small, round, bright scarlet, with white tip; grows quickly and grand for forcing; tops very small.
- Red Forcing. Extra early, maturing in 21 days; round, bright red root, with small tops; very mild.
- Scarlet Globe. Very early; a little longer than round; small top; color, brilliant deep scarlet, holding long after pulling.

### EARLY OLIVE- AND OVAL-SHAPED VARIETIES.

- French Breakfast. A favorite, oval-shaped, bright scarlet Radish, with white tip; fine for either open ground or forcing.
- Red Rocket, Henderson's. A long, oval-shaped bright scarlet Radish, mild, sparkling white flesh; very small tops.
- White Rocket, Henderson's. Long, oval shaped; pure waxy-white skin and flesh; mild flavor; very small tops.
- White-Tipped Rocket, Henderson's. Long, oval shaped; brilliant scarlet, with white tip; mild; very small tops.
- The Collection of 3 Rocket Radishes, 1 pkt. each for 25c.; 1 oz. each for 40c.

### EARLY LONG VARIETY.

- Long Scarlet Short Top. The standard; bright scarlet, with white mild flesh; grows 6 inches in length; matures in about 25 days.
- Long White Vienna, or Lady Finger. Of attractive, tapering shape, about 4 inches long, pure white, mild and tender; matures in about 25 days.

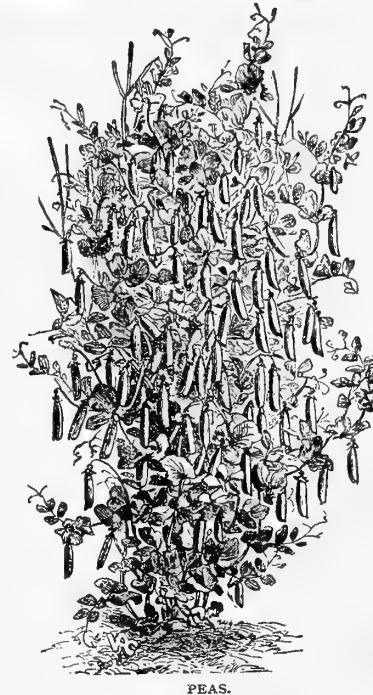
### SUMMER AND AUTUMN VARIETIES. These attain a larger size than the preceding varieties, usually requiring from 6 to 8 weeks time to mature.

- Giant White Stuttgart. A large, white, turnip-shaped summer Radish. Very tender and mild.
- White Summer Turnip. A flat-round, early summer Radish, 2 inches in diameter; skin and flesh white and tender; ready to use in 30 to 40 days.
- White Strasburg. An early summer Radish, 4 to 5 inches long and tapering; flesh and skin white, solid and fine.

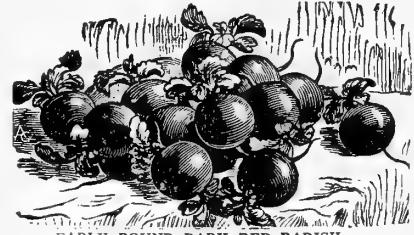
**PRICES.**  
Delivered free in the U. S.  
excepting otherwise noted.)

For free delivery in U. S. add to  
prices of Peas, 5c. per pt. or  
10c. per qt.

Pkt.	Pt.	Qt.	4 Qts.	Peck
15c.	25c.	45c.	\$1.00	\$3.00
10c.	25c.	40c.	1.50	2.75
10c.	25c.	40c.	1.60	3.00
10c.	20c.	35c.	1.30	2.50
10c.	20c.	30c.	1.10	2.00
10c.	20c.	35c.	1.30	2.50
15c.	30c.	55c.	2.00	3.50
15c.	30c.	55c.	2.00	3.50
10c.	20c.	35c.	1.30	2.50
10c.	25c.	40c.	1.50	2.75
10c.	20c.	35c.	1.30	2.50
10c.	25c.	40c.	1.50	2.75
10c.	25c.	40c.	1.40	2.50
10c.	25c.	45c.	1.60	3.00
10c.	25c.	40c.	1.50	2.75



PEAS.



EARLY ROUND DARK RED RADISH.



FRENCH BREAKFAST RADISH



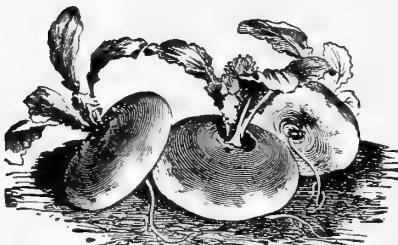
WHITE SUMMER TURNIP RADISH.



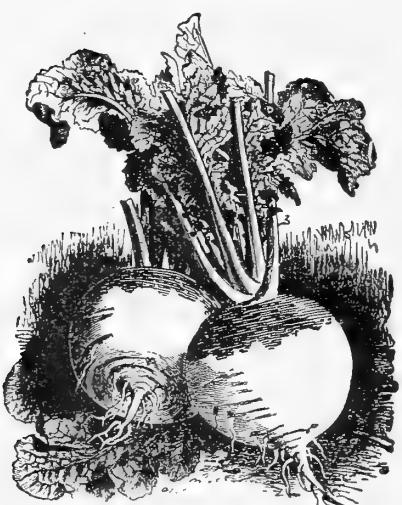
HALF LONG BLACK SPANISH RADISH.



SPINACH.



EARLY RED TOP STRAP LEAF TURNIP.



PURPLE TOP WHITE GLOBE TURNIP.

## Vegetable Seeds for Summer Sowing

## PRICES.

Delivered free in the U. S.  
(excepting otherwise noted.)

## RADISH.—Continued.

**WINTER VARIETIES.** These varieties grow so firm and compact that they will keep almost all winter, if stored in a dry cellar; they require 2 to 3 months to mature.

**Celestial, or White Chinese.** An extra fine, large, white Radish, often growing a foot in length by 4 to 5 inches in diameter; flesh firm, mild and crisp.

**Rose China Winter.** A distinct cylindrical variety, 4 to 5 inches long by 2 inches in diameter; skin rosy-red; flesh white and firm; good keeper.

**Long Black Spanish.** A leading winter variety, one of the best keepers.

Roots cylindrical, 7 to 10 inches long; skin blackish-brown; firm white flesh.

**Half-Long Black Spanish.** Differs from the above in its shorter, stockier growth; flesh white, compact and the mildest flavored of this type; good keeper.

Pkt.	Oz.	1 Lb.	Lb.
10c.	10c.	30c.	1.00
5c.	10c.	30c.	90c.
5c.	10c.	30c.	80c.
10c.	15c.	35c.	1.00

## SPINACH. (1 oz. for 100 feet of drill; 10 to 12 lbs. in drills for an acre.)

(Varieties prefixed \* may be sown in the fall in latitude of New York for spring crop.)

**Round-Leaved.** A well-known sort, with thick, round, succulent leaves.

**\*Thick-Leaved, Henderson's.** Produces large, thick, bright green crumpled leaves of fine quality; very slow in running to seed; one of the best.

**Long Season, Henderson's.** Spinach is most extensively grown during the winter and spring months, for the reason that the plants quickly run to seed in hot weather. With our new Long Season variety, Spinach may now be continuously grown in any home garden, so that this most delicious of "boiling greens" may be enjoyed not only during cool weather months, but in the summer as well. It forms a dense rosette of thick, tender and succulent, crumpled leaves of intensely dark green color.

**Norfolk Savoy-Leaved.** Large, fleshy, dark green leaves, closely crumpled.

**\*Hardy Winter, Henderson's.** A new and superior Spinach, either sown in spring for early summer use or fall sown for winter use, being very slow to run to seed and very hardy; plant compact-growing, with short-stemmed, thick and fleshy rich green leaves.

**Victoria.** Very heavy, broad, deep green, crumpled leaves; of fine, succulent quality; it stands in prime condition long after other varieties have bolted to seed, rendering it especially valuable for spring sowing and summer use.

## SQUASH. SUMMER VARIETIES. (Bush varieties, 1 oz. for 50 hills; 5 to 6 lbs. per acre. Running varieties, 3 to 4 lbs. in hills per acre.)

**Yellow Bush Summer Crookneck.** A bush variety, early and prolific; surface deep yellow, densely warty; quality and flavor good.

**White Bush Scalloped.** The white "Pattypan" or "Cymling"; creamy-white skin; fine quality, free cropper.

**Long Island Mammoth White Scalloped Bush.** An improved selection of the above; squashes about 9 inches in diameter, and much deeper, containing nearly twice the amount of flesh; ridges and scalloped edge much less prominent; early and productive.

**Golden Custard, Henderson's.** A mammoth golden, scalloped bush Squash, often 1 foot in diameter; wonderfully productive and of extra quality.

5c.	10c.	30c.	90c.
5c.	10c.	30c.	90c.
10c.	15c.	35c.	1.00
10c.	15c.	35c.	1.10

## AUTUMN AND WINTER VARIETIES.

**Boston Marrow.** A popular second early Squash for autumn use; skin thin, reddish-yellow; flesh dry, fine grained and delicious.

**Early Prolific Marrow.** Similar to, but an improvement over *Boston Marrow*; earlier, more productive; exterior color, deep orange-red; flesh deep, fine grained, dry and sweet. A good keeper.

**Delicata, Henderson's.** The earliest of any vine Squash; small, but exceedingly prolific and of surpassingly rich flavor, dry and sweet; splendid for both summer and winter.

**Heart o'Gold, Henderson's.** Strong-growing, healthy vine; bountiful yielder; large, orange-red fruits, averaging 25 to 35 lbs. each; deep, solid, fine-grained, golden-red flesh, dry and sweet.

**Hubbard.** One of the best winter Squashes; vines luxuriant, healthy and productive; fruits dark, bluish-green, 10 to 25 lbs. each; flesh rich yellow, richly flavored; good keeper.

**Large Warty Hubbard.** A new strain of larger size, increased productivity, and a hard, green, warty shell, rendering it the best keeper of all.

5c.	10c.	30c.	1.00
5c.	10c.	30c.	1.00
10c.	20c.	50c.	1.50
10c.	20c.	55c.	1.75
5c.	15c.	40c.	1.25
10c.	20c.	50c.	1.50

## TURNIP. (1 oz. for 150 feet of drill; 1 to 2 lbs. in drills for an acre.)

## WHITE-FLESHED VARIETIES.

**Early White Flat Dutch.** An excellent early, white, flat Turnip; flesh mild.

**Early Purple Top Milan.** The earliest Turnip in cultivation; medium-sized, flat, smooth; white flesh and skin, with purple top.

**Early White Milan.** Similar in shape and size to the above, equally early; surface smooth and pure white; flesh white, tender, fine grained and of fine table quality.

**Early Red Top Strap Leaf.** A popular variety of quick growth; round-flat, 4 to 5 inches in diameter; flesh white and of excellent quality.

**Parisian Half-Long White.** A small, quick-growing—consequently early—variety, 4 to 5 inches long by  $1\frac{1}{2}$  to  $1\frac{1}{2}$  inches in diameter; skin and flesh pure white; crisp, exceedingly tender, and mild in flavor.

**Purple Top White Globe.** An early, large, globe-shaped variety; white flesh, fine grained, tender and sweet; a fine table turnip and one of the best market sorts.

**White Egg.** An oval or egg-shaped variety, with smooth, thin, white skin and snowy-white flesh; firm, mild and sweet.

**Snowball.** An early, medium-sized, smooth, round Turnip; pure white skin and flesh; quality crisp, tender and sweet.

**Long White, or Cowhorn.** A long, white-fleshed Turnip, growing half above ground; although large, it is of fine quality.

5c.	10c.	25c.	75c.
10c.	15c.	50c.	1.75
10c.	20c.	60c.	2.00
5c.	10c.	25c.	70c.
10c.	15c.	35c.	1.00
5c.	15c.	30c.	80c.
5c.	10c.	30c.	90c.
5c.	10c.	30c.	90c.
5c.	10c.	30c.	90c.
10c.	15c.	30c.	80c.

## YELLOW-FLESHED VARIETIES.

**Golden Ball, or Orange Jelly.** Medium size, globe-shaped bulbs; very early; flesh golden-yellow, of fine texture and sweet.

**Yellow Stone.** A round, flattened, yellow-fleshed Turnip; popular for both table use and stock feeding.

**Yellow Globe.** A yellow-fleshed, globe-shaped variety, of large size; a splendid winter keeper; excellent for both table and stock.

**Purple Top Yellow Aberdeen.** A large, globe-shaped Turnip, with yellow flesh of fine quality; a good keeper; popular for table or stock.

**Green Top Yellow, Wood's.** Similar to above, but top is green; flesh is remarkably solid and fine grained; the best Turnip for stock feeding.

5c.	10c.	25c.	75c.
5c.	10c.	30c.	90c.
5c.	10c.	25c.	75c.
5c.	10c.	25c.	75c.
10c.	15c.	30c.	80c.

## RUTA BAGA. RUSSIAN OR SWEDISH TURNIP. (See page 22.)

# HENDERSON'S FARM SEEDS

## FOR SUMMER SOWING

FARM SEEDS we do **not** deliver free, but when small quantities are wanted by express or mail, we will prepay postage or carriage, if 8c. per lb. or 10c. per qt. is added to prices. Prices of Farm Seeds are subject to change without notice. Special prices can often be made on large quantities. Write us.

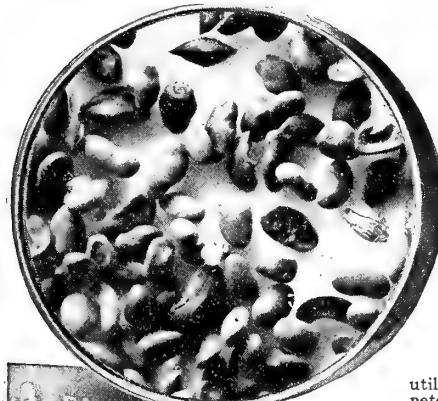
HENDERSON'S  
SUPERIOR RE-CLEANED

## ALFALFA or LUCERN

MEDICAGO  
SATIVA

FOR SUMMER SOWING.

Yields Good Crops in all Sections of the United States. An Efficient Hay Producer and Soil-Enricher.



It has been well said that if "Corn is king," Alfalfa is the "queen of forage plants." That this fact is being brought home to the farmers of the North and East, is indicated to us by the enormous increase in our sales of HENDERSON'S RE-CLEANED ALFALFA SEED.

Yet Alfalfa growing in the Northeast is only in its infancy and we predict, in the near future, a vast increase in the acreage devoted to its cultivation, now that it has been shown by actual trials to yield good crops in all sections of the United States. Alfalfa is a true leguminous plant, and a perennial, staying on the land for many years. It sends down its long tap-roots into the subsoil, whatever depth that may be—five, ten, twenty, or even thirty feet and utilizes the plant foods contained therein. It is a great soil-enricher, for the nodules on its roots are the home of bacteria that extract the nitrogen from the air and transform it into valuable fertilizing element. For this purpose it is superior to any other plant, because in addition to the nitrogen gathered from the air its deep tap-roots bring up other mineral constituents from the lower layers of soil, to be

utilized later by shallow feeding crops. It has been calculated by competent authority that the amount of fertilizer, that will come from an acre of good Alfalfa is equal to what the farmer would pay \$60.00 for, if purchased by the bag. As a hay-producer it surely has no equal when once established, as from three to four cuttings may be had in a season, according to conditions, totalling four to six tons per acre.

### THE FEEDING VALUE OF ALFALFA

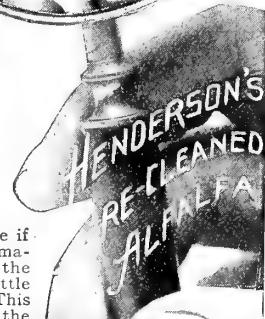
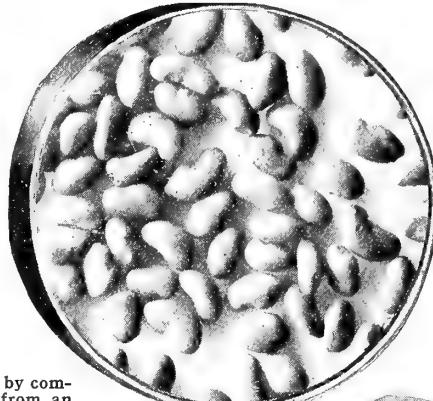
is very high, being very rich in protein—which builds up blood, muscle and bone in growing animals. Corn and its fodder, and most other farm crops, are rich in carbo-hydrates, the fat-forming element, but deficient in protein, so that Alfalfa is the best crop to balance up the fat forming feeds. Corn and Alfalfa form the ideal food for fattening all farm animals, one supplementing the other. Alfalfa and Barley, Alfalfa and Wheat, or Alfalfa and Oats are all excellent combinations. Alfalfa naturally prefers a rich, loose limestone soil with a porous sub-soil; but it also grows and thrives on a variety of soils, and in many different climates.

Briefly there are three essentials—the land must be drained if wet, it must be sweetened with lime if acid, and there must be humus and nitrogen in the soil, which may be easily supplied by barnyard manures, or green crops plowed under. When lime is not present in the soil, it must be supplied, the amount used being 1 ton of quicklime, or 2 tons of ground limestone per acre. Alfalfa requires little attention the first season unless there is a growth of twelve inches or more before cold weather. This

should be clipped back to eight inches or so and will then be in a good condition for wintering. Full cuttings can be taken off the following summer and fall. The crop should be cut when the plants are about one-tenth in bloom, being at that stage much more digestible than when older. The time to sow in the North and Eastern States is June, July or August, 30 to 40 lbs. per acre if broadcasted or 25 to 30 lbs. if drilled in; in the South sow in February or September. (See cut.) Price, HENDERSON'S Superior Alfalfa Seed, 24c. per lb.; \$13.50 per bu. of 60 lbs., \$22.00 per 100 lbs.

The U. S. Government Analysis Proves HENDERSON'S RECLEANED ALFALFA SEED the Purest.

"HENDERSON'S SAMPLE OF ALFALFA, I am glad to say, stood at the head of twelve other samples sent by me to the government for analysis. Kindly ship to me at Wilcox Wharf, James River, Va., enough to seed sixty acres." S. E. SAUNDERS, JR., Richmond, Va.



Write for our new pamphlet "ALFALFA ON NORTHERN FARMS" free to all applicants.

## HENDERSON'S SUPERIOR RECLEANED CRIMSON OR SCARLET CLOVER FOR SUMMER SOWING.

**Valuable as Pasture, Green Forage and Hay**—A Good Crop of Crimson Clover Plowed Under is Equal in Fertilizing Value to 20 Tons of Stable Manure per Acre for Quickly Restoring Fertility to Worn-out Soils.

The importance of this Annual Clover is realized more and more every year, not only as a pasture, green forage and hay crop, but as a cover crop and soil renovator. While it grows most luxuriantly on fertile loam, yet it will thrive better on thinner and poorer soils than Red Clover and is more efficient for green manuring than the latter.

Crimson Clover forms an upright branching plant 1 to 2 feet in height, according to soil, locality and season. It roots very deeply and is a bountiful provider of nitrogen.

**As Hay**—Cut when coming into full bloom, not later—and properly cured—it is even superior to Red Clover. The yield of cured hay on average soils is 2 to 3 tons per acre, on lighter soils less and on heavier, richer soils, phenomenally large crops have been produced.

**For Green Forage and Silage** it is of high feeding value for dairy stock and is much relished by them. The average yield cut green before the flowers commence to mature is 8 to 15 tons per acre.

**As Pasture** Crimson Clover makes one of the best early spring pastures.

**As a Green Manuring Crop**, Crimson Clover is of the greatest value, as its season of growth permits it to be sown in summer or early autumn after a grain or vegetable crop has been removed and it can then be plowed under the next spring. Thus it does not in any way interfere with other crops.

It is the cheapest source of nitrogen, and has revolutionized the methods of farming in many States having restored to profitable cultivation thousands of acres of poor land.

**As a Clover Crop** and winter soil mulch it is peculiarly well adapted. It may be sown among corn, tobacco, sorghum and other crops after the last cultivation and when the primary crop is removed the Crimson Clover will come on and cover the ground fall, winter and early spring. It is one of the best cover crops for orchards and small fruits, and also one of the best sources of nitrogen for them.

**Harvesting and Feeding.** Crimson Clover should not be fed either cured or green after the flowers begin to mature.

**Seeding.** Sow at the rate of 15 pounds of seed per acre, either broadcast or drilled. Cover lightly with a harrow. If sown too early, especially in Southern States, Crimson Clover, is apt to mature and form seeds the same season without making full growth. In the latitude of New York City sow from July 15 to September 15, and in the South as late as October.

**Price**—Henderson's choicest new Crop Crimson clover seed of highest growing quality, thoroughly recleaned and free from weed seeds. (See cut.) 14c. lb., \$7.00 bushel of 60 lbs., \$10.00 per 100 lbs.



CRIMSON CLOVER.

## MANGEL WURZEL AND SUGAR BEETS FOR SUMMER SOWING.

Mangels are the most important of all root crops for feeding, yielding 20 to 30 tons per acre, and they may be grown in any part of the American continent on fairly good farm land. The best soil for Mangels is friable loam deeply plowed. The ground should be well enriched and the seed sown in drills 24 inches apart in light soils, and 30 inches apart in strong rich land. Thin out the plants to 9 inches apart in the former and 12 inches apart in the latter. Sow 6 to 8 pounds of seed per acre if sown with a drill, or double that quantity if sown by hand. Cultivate with a horse hoe.

**BEET. Mangel Wurzel.** Sow 6 to 8 lbs. per acre.

**Colossal Long Red** (Henderson's). A valuable improved and distinct variety. Extra large, long roots; blood-red, very nutritious. **Price**,  $\frac{1}{4}$  lb., 15c.; lb., 55c.; 10 lbs., @ 50c. lb. (See cut.)

**Champion Yellow Globe** (Henderson's). Smooth, large, round roots; yellow flesh. **Price**,  $\frac{1}{4}$  lb., 15c.; lb., 55c.; 10 lbs., @ 50c. lb.

**Giant Intermediate** (Henderson's). Big yielder; handsome, large ovoid roots. **Price**,  $\frac{1}{4}$  lb., 15c.; lb., 50c.; 10 lbs., @ 45c. lb.

**Golden Tankard.** Flesh yellow, thus differing from other varieties; sheep prefer it; heavy yielder. **Price**,  $\frac{1}{4}$  lb., 15c.; lb., 55c.; 10 lbs., @ 50c. lb.

**Long Red.** Largely grown; large roots of excellent quality. **Price**,  $\frac{1}{4}$  lb., 15c.; lb., 50c.; 10 lbs., @ 45c. lb.

**Long Yellow.** Differs from the Long Red only in color. **Price**,  $\frac{1}{4}$  lb., 15c.; lb., 50c.; 10 lbs., @ 45c. lb.

**Yellow Globe.** Large globular roots; good keeper, adapted for shallow soils. **Price**,  $\frac{1}{4}$  lb., 15c.; lb., 50c.; 10 lbs., @ 45c. lb.

**BEET, SUGAR VARIETIES.** Sow 6 to 8 lbs. per acre. Valuable both for producing sugar and stock feeding.

**White Sugar.** Grows to a large size; very nutritious. **Price**,  $\frac{1}{4}$  lb., 15c.; lb., 40c.; 10 lbs., @ 35c. lb.

**Vilmorin's Improved White.** Contains the highest percentage of sugar; also valuable for stock. **Price**,  $\frac{1}{4}$  lb., 15c.; lb., 45c.; 10 lbs., @ 40c. lb.

**Lane's Imperial.** An improved variety; very hardy and productive. **Price**,  $\frac{1}{4}$  lb., 15c.; lb., 45c.; 10 lbs., @ 40c. lb.

**Klein Wanzleben.** Heavy yielder and easy to dig. **Price**,  $\frac{1}{4}$  lb., 15c.; lb., 45c.; 10 lbs., @ 40c. lb.

**Golden Heart** (Henderson's). Invaluable for garden culture. It is entirely distinct from all other varieties. The bulb grows as clean and smooth as a Turnip. The flesh is remarkably fine in grain and of delicious flavor; but the most distinct improvement of all lies in its wonderful earliness, as it matures in 56 days from time of sowing. **Price**,  $\frac{1}{4}$  lb., 30c.; lb., 90c.

**Henderson's Long Island Improved.** Bred from the "American Purple Top," over which it is a great improvement, being nearly double the size; an immense yielder and good keeper; flesh rich yellow, of fine quality. **Price**,  $\frac{1}{4}$  lb., 20c.; lb., 65c.

**RUTA BAGAS, RUSSIAN OR SWEDISH TURNIP.** Grow very rapidly, and yield from twenty-five to thirty-five tons per acre, in good, rich, deep soil, with proper cultivation. The Ruta Bagas proper should be sown in this latitude from May 25 to June 25; while the smaller-growing turnips can be sown from July 1 to the middle of August. Sow 2 to 3 lbs per acre.

**RUTA BAGA. RUSSIAN OR SWEDISH TURNIP.**

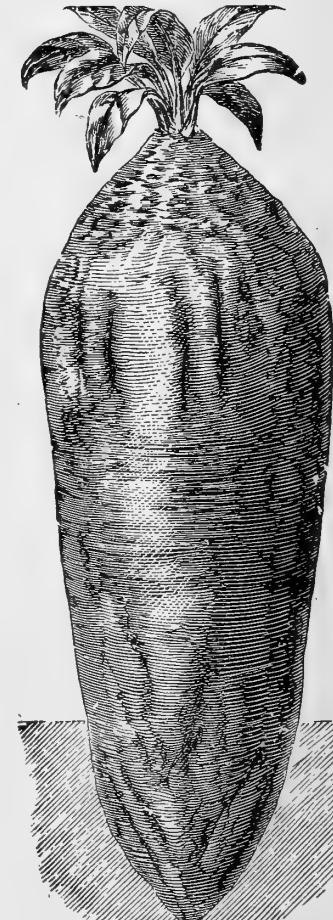
**Calver's Purple Top.** This variety is as large and productive as the Long Island Improved but differs in form, being top-shaped and therefore more easily dug; the bulbs are smooth and very attractive; tops purple, lower part rich cream color; yellow flesh, firm, sweet and of excellent quality. **Price**,  $\frac{1}{4}$  lb., 20c.; lb., 65c.

**Improved American Top.** Popular both for stock feeding and table use; hardy, productive, good keeper; flesh yellow. **Price**,  $\frac{1}{4}$  lb., 20c.; lb., 55c.

**Large White French, Sweet German, or Rock.** A white-fleshed variety of large size and fine quality. **Price**,  $\frac{1}{4}$  lb., 20c.; lb., 65c.

**FOR TABLE TURNIPS, SEE PAGE 20.**

If Mangel Sugar Beet and Ruta Baga Seeds are desired by mail, add 8c. per pound for postage.



HENDERSON'S COLOSSAL LONG RED MANGEL WURZEL.

# ...MILLET...

## FOR SUMMER SOWING.

Millets though quite largely grown in some sections deserve greater recognition on account of their adaptability to soils, localities, and their many uses. Their chief importance is as dry weather summer catch crops, supplementing other early summer maturing crops, and of value to succeed crops that fail, such as corn, etc. Millets are also one of the best crops for planting on newly broken land—useful in certain kinds of rotation, excellent for soiling. May also be grown in place of summer fallow without detriment to succeeding crop. Splendid for land foul with weeds, restoring it to good condition. May be profitably used in silage combinations, may be pastured—in fact being of special value for this purpose where grass pastures are exhausted or burned out. Millets, if cut in blossom, before they get too woody, make excellent hay—and therefore are of great value in seasons of short hay crops. Millet crops are less subject to the attacks of insects and fungous diseases than any other cereal.

**HUNGARIAN.** Is the quickest of catch crops for hay, and as it may be sown any time during the summer months up to the middle of August, it is invaluable for overcoming a shortage of the regular hay crop, it is fairly drought resistant. Many farmers now occupy their land with other crops, and for their hay depend entirely upon Hungarian Grass, which they can sow after other crops have been harvested. Sow 1 bushel per acre. (See cut.) \$2.00 bushel of 48 lbs; 10 bushels and upwards, \$1.90 bushel.

**GERMAN or GOLDEN.** This variety is considerably larger than Hungarian and yields a much heavier crop, but is later and not so quick growing, consequently cannot be sown much after the fourth of July in this latitude. To maintain its heavy cropping character, seed of this variety needs to be specially cultivated.

Our seed is specially grown and selected, and will produce nearly double the crop of seed not so grown and which can be offered at a cheaper price. Sow one bushel per acre. \$2.00 bushel of 50 lbs.; 10 bushels and upwards, \$1.90 bushel.

## JAPANESE MILLET.

(*Panicum crus-galli major.*)

The best recent introduction for Green Fodder the Silo and for Hay. Especially valuable for the Northern and New England States.



HUNGARIAN MILLET.

**JAPANESE MILLET** is entirely distinct from any other millet, grows tall and produces an enormous crop. It grows 6 to 8 feet high, stands remarkably well notwithstanding its great height, and yields from 10 to 12 tons green fodder per acre. When cured it makes an excellent quality of hay, and its feeding value is far superior to corn fodder, and it is much relished by all kinds of stock, whether green or cured. If to be made into hay, cure as you would a heavy crop of clover. An ideal ensilage mixture may be composed of two parts of this millet to one part of soja beans, mixed when filling the silo. The soja beans supply the albuminoids and fat in which the Corn and Millet are deficient. This mixture forms a complete balanced ration for milch cows without the addition of grain, though it is, of course, advisable to feed grain occasionally as a change. This ensilage combination will certainly become popular, and when generally used, as we predict it will be, it will result in a saving of hundreds of thousands of dollars annually to the dairymen and farmers of the United States. This Millet does not endure drought well, except it be sown early in retentive soil, and it is not adapted to the climate, nor is it recommended for the Southern States; but north of Washington, D. C., and especially for good, rich soils, we confidently recommend its general cultivation. It will produce a fair second cutting, if sown early in May, and cut when in blossom. It may be sown from the middle of May to the 1st of July, broadcast, at the rate of 15 lbs. per acre, but it is better to sow it in drills, 12 to 18 inches apart, using 10 to 12 lbs. per acre, and hoed between the rows to keep down all weeds until the plant attains a height of 12 to 18 inches when its rapid growth will smother all weeds. (See cut.) Price, 10c. lb.; 10 lbs., 80c.; 100 lbs., \$7.00.



## ...Forage Plants Other than Grasses...

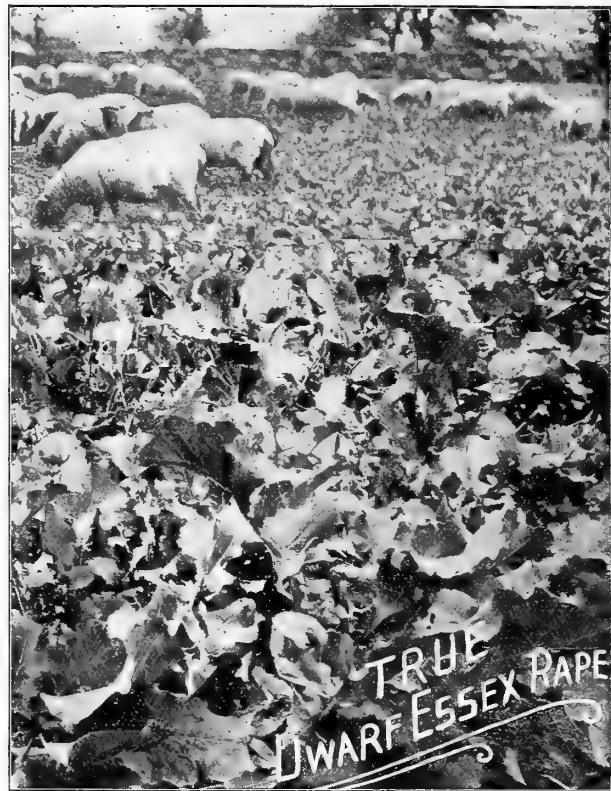
is the title of a good book on the subject, including Millets.—BY PROF. THOMAS SHAW; price, \$1.00 postpaid.

# TRUE DWARF ESSEX RAPE.

Provides a Perfect Pasture and is Relished by all  
Kinds of Stock—Indispensable for Sheep and Hogs.

Sow in the north to the end of August, in the south during September and October.

In the United States we have millions of acres of land that lie idle or run to weeds the latter part of the season, after the summer crops have been harvested, a large portion of which might be made to produce, during the fall, one of the finest feeds imaginable, and in the greatest abundance, at a time when cattle, sheep and hogs are roaming through bare pastures in search of a scanty living. Under favorable conditions, Dwarf Essex Rape is ready for pasturing sheep or cattle within six weeks from time of sowing, and on an average one acre will carry twelve to fifteen sheep six weeks to two months. When on the Rape they should at all times have access to salt; but water is not necessary. There are several varieties of Rape, but care should be taken to procure the DWARF ESSEX, or English, as it is sometimes called, which does not seed the same season as sown, unless in some exceptional cases, as when sown too early and the young plant is touched by frost. In northern States it should be sown from April to end of August for fall pasturing, but as it thrives best in cool weather, it should not be sown in the Southern States until September or October for winter pasture. In the latitude of New York it should be sown in April, or in July or August. Its fattening properties are probably twice as good as those of Clover, and for sheep the feeding value of Rape excels all other plants we know of. At the Michigan Experiment Station 128 lambs were pastured for eight weeks on 15 acres of Rape sown in July, and showed a gain of 2,890 lbs., or at the rate of 3 lbs. per lamb each week. Even so far South as Alabama it has proved a boon to the farmer. In a recent bulletin published by the Alabama Experiment Station they state: "Quality of product good for both hogs and cattle. The growth was enormous. By repeated sowings it will and did carry more hogs through the dry, hot summers than four times the amount of land planted in anything else ever grown here. I would recommend it to all Southern farmers." To secure the best results, the Rape should be sown in drills. Sow 4 lbs. per acre broadcast, 2 to 3 lbs. per acre in drills. (See cut.) Price, 12c. per lb., \$4.25 per bushel of 50 lbs., 100 lbs., \$8.00. If by mail, add 8c. per lb.



## SAND OR WINTER VETCH. (Vicia Villosa.)

Though it succeeds and produces good crops on poor, sandy soils, it is much more vigorous on good land and grows to a height of 4 to 5 feet. It is perfectly hardy throughout the United States, remaining green all winter, and should be sown during August and September mixed with Mammoth Red Clover, in sections where it will not winter-kill, or with Rye, which serves as a support for the plants; or in spring with Oats or Barley.

It is the earliest crop for cutting, being nearly a month earlier than Scarlet Clover, and a full crop can be taken off the land in time for planting spring crops. Being much hardier than Scarlet Clover, this is the Forage Plant to sow in the Northern States, where Scarlet Clover winter-kills, though it is equally valuable in the South. Every dairyman and stock-breeder in the United States should have a field of it, and if you try it once you will never be a season without it.

It is exceedingly nutritious, much more so than Clover, is eaten with relish, and may be fed with safety to all kinds of stock.

It will also prove valuable for a Hay crop in the South and dry Western regions, as it may be sown in the fall and will make a luxuriant growth during the fall and spring months, and will yield a heavy crop, which may be cut and stored before the droughts set in.

Sow one bushel per acre, with one-half bushel of Rye or Wheat. (See cut.)

Price, 13c. per lb., \$7.00 per bushel of 60 lbs., 100 lbs., \$11.00. If by mail, add 8c. per lb.

### A splendid up-to-date Book on Agriculture.

Farmers' Cyclopedie of Agriculture. By MESSRS. WILCOX and SMITH. Experiment Station Editors in U. S. Dept. of Agriculture. A thoroughly up-to-date, practical, concise and complete presentation of the whole subject of agriculture. Farm, orchard and garden crops, animals, feeding, dairying, poultry, irrigation, drainage, fertilizing, spraying, etc. 6000 topics, 700 pages, 500 illustrations. Cloth bound, \$3.50; half morocco, \$4.50.

FARM SEEDS we do NOT deliver free, but when small quantities are wanted, we will prepay carriage in the United States if 8c. per pound is added to prices.



## CUSTOMERS PRAISE

## HENDERSON'S

## JAPANESE BUCKWHEAT.

"I had a small quantity of Japanese Buckwheat from you last year, which I planted on the 5th day of July, and from this I cut, and had in good, clean Buckwheat 1,392 pounds, which ripened earlier and has produced more than three times the yield of the Silver Hull with the same culture." DAVID BEAM, Midvale, N. J.

"The Japanese Buckwheat ripened about one week sooner than the old-fashioned kind, and produced more than as much again to the same amount of sowing the past season." LEMUEL VAN NESS, Pompton, N. J.

"Truly, the Japanese Buckwheat is one of the greatest improvements, in a single line of grain, of the present age. All other kinds of buckwheat can be well thrown aside; and not only the bee-keepers of our land, but farmers in general, can unite in tendering a vote of thanks to our enterprising seedsmen, Peter Henderson."

## GLEANINGS IN BEE CULTURE.

"The Japanese Buckwheat I got from you beats any I ever saw."

C. A. DEAN, Meshoppen, Pa.

"The Japanese Buckwheat I purchased from you is distinct, and stands the sun better than any other sort."

JOHN WILSON, Sandwich West, Essex Co., Ontario, Can.

## JAPANESE BUCKWHEAT.

The best variety.  
Yields double that of other sorts. Very early.  
Makes the finest Buckwheat Flour.

## GROWN FROM IMPORTED SEED.

Since we introduced the Japanese Buckwheat about twenty years ago, the tendency, on account of the hot, dry summers in the United States, has been for the grain to gradually grow smaller. The seed we offer is grown from the largest type imported from Japan and is much larger in grain than that usually offered, and it will pay all growers to renew their seed. The seed we offer is only one year removed from imported Japanese seed. This variety is now more generally grown than any other, but to those to whom it may still be unknown we would say that the kernels are at least twice the size of any other variety and of a shape peculiar and distinct from all others. The color of the kernels is also most distinct, being of a rich dark shade of brown. It ripens fully a week earlier than the Silver Hull, the straw is heavier, and it branches more and does not need to be sown so thickly as the other kinds. For bees it is of the greatest value and for this purpose has displaced all other varieties.

## ALWAYS SOW WITH CRIMSON CLOVER

An excellent plan is to sow Crimson Clover along with buckwheat, especially when put in late from middle of July to first of August. They come up together but the buckwheat is the stronger grower and the Crimson Clover makes but little showing until the buckwheat is removed. If frost should kill the buckwheat before ripe, it may be left as a protection, the dead buckwheat being just the sort of mulching and protection needed by the clover. The crimson Clover and mulching of buckwheat can be plowed under in May and for potatoes or corn there is no better preparation. Japanese Buckwheat is one of the most satisfactory crops to sow on new or rough land, but buckwheat should invariably be sown as a second or catch crop, and we would advise all growers to sow Crimson Clover along with it as recommended above for, even though the buckwheat be killed by an early frost, the value of its own humus is worth more than the cost of the seed in addition to its value as a winter protection to the clover.

Price, \$1.80 bushel of 48 lbs., 10-bushel lots, \$1.70 bushel.

The Iowa Agricultural Experiment Station reports that it has grown Henderson's New Japanese Buckwheat for two years and has found it superior to the old varieties in several important respects. It is larger and stronger, and stands up better during storms, and its seeds are larger; but what places it far ahead of other varieties is that of setting full crops of Buckwheat in dry hot weather. It can also be sown much earlier than other varieties, thus avoiding loss by early frost.

## HENDERSON'S SUPERIOR WINTER SEED WHEAT

GROWN FROM PEDIGREE STRAINS

LET US BOOK YOUR ORDER NOW FOR SOME OF HENDERSON'S SUPERIOR WINTER SEED WHEAT FOR NEXT FALL'S SOWING TO BE SHIPPED, CROPS PERMITTING, FROM 1913 CROPS AS SOON AS READY AT OUR LOWEST PRICES AT THE TIME OF SHIPMENT

PRICES	Peck	Bush.	10 bu. lots at
Ruling June 15, 1913 subject to market fluctuations.			
Bearded Rural New Yorker.....	\$.80	\$2.50	\$2.40
Beardless " " "	.80	2.50	2.40
Gold Coin (Beardless).....	.80	2.50	2.40
Pride of Genesee (Bearded).....	.80	2.50	2.40
Silver Sheaf Longberry Red (Bearded).....	.80	2.50	2.40

PRICES	Peck	Bush.	10 bu. lots at
Ruling June 15, 1913, subject to market fluctuations.			
Jones' St. Louis Grand Prize (Beardless).....	\$1.00	\$3.50	\$3.25
Jones' Red Wave (Beardless).....	.90	2.75	2.65
Clawson Longberry (Beardless).....	.90	2.50	2.40
Early Red Chief (Beardless).....	.90	2.60	2.50

## WINTER RYE. For Summer and Fall Sowing.

Winter Rye.....	.55	1.80	1.70		Thousand Fold Winter.....	.60	1.90	1.80
Giant Winter.....	.65	2.00	1.90		Excelsior Winter.....	.60	1.90	1.80

FULL DESCRIPTIONS OF THESE SUPERIOR SEED WHEATS AND RYE GIVEN IN HENDERSON'S FARMERS' MANUAL MAILED FREE ON APPLICATION



# PERENNIAL

## FLOWER



## SEEDS -

BIENNIALS grow from seed one year, bloom and die the next.

PERENNIALS last for several years, blooming annually from seed after the first season.

HARDY gardening is becoming more popular in America every year. To meet this increasing demand for seeds of perennial plants we append a list of the leading sorts, most of which if sown this summer will produce plants that will flower next season. Cultural directions are printed on the packets of seed.

	PKT.		PKT.
<b>ACHILLEA, The Pearl.</b> A greatly improved variety of this old, hardy garden favorite. <i>A. Pumila fl. pl.</i> The Pearl produces larger double pure white flowers in large clusters on long stems from spring until frost. Splendid cut flower; 2 feet.....	10	<b>AQUILEGIA Columbine.</b> Hardy garden perennials, luxuriating in the moister situations where they form permanent clumps, growing from 1½ to 3 feet high.	
<b>ACONITUM Napellus</b> (Monkshood). Handsome, hardy herbaceous plant, throwing bold spikes of dark blue flowers in summer. Effective in flower borders, shrubberies, etc.; height, 3 to 4 feet.....	10	<b>Henderson's American Hybrid Columbine.</b> The plants are extremely robust; the flower stems often 40 inches in height carry magnificent clusters of immense long-spurred, single flowers. The colors are superb and varied.....	25
<b>ADLUMIA Cirrhosa.</b> Hardy biennial climber, known as "Mountain Fringe," feathery foliage, rose-colored flowers; 15 feet.....	10	<b>Aquilegia, Single, Large-flowering, Mixed colors Double-flowering, Long-spurred Hybrids.</b> Beautiful long-spurred, large, double flowers.....	10
<b>ALYSSUM, Saxatile Compacta.</b> A beautiful dwarf hardy perennial for spring beds or edging a flower border. The flowers are produced in large clusters and are of a deep pure yellow; ½ foot. <i>Per 1000 seeds, 25c.</i> .....	10	<b>Rose Queen.</b> Long-spurred, single flowers, shading from light pink to dark rose color, with white centre and yellow anthers.....	25
<b>ANEMONE, St. Brigid.</b> These beautiful Irish varieties produce in abundance large single, semi-double and double flowers 3 to 5 inches across, in an endless variety of colors. For cutting they are unsurpassed, and in the garden they flower until after frost; hardy perennials.....	10	<b>Chrysanth. The beautiful long-spurred yellow variety.</b> .....	10
<b>AMPELOPSIS Veitchii.</b> Boston or Japanese Ivy, valuable hardy climber, clinging to wood, stone or brick walls; dense ivy-green foliage, changing to red in autumn; 30 feet.....	10	<b>Cerules Hybrida.</b> Rocky Mountain variety, long-spurred flowers of white and blue.....	25
<b>ANCHUSA Italica</b> (Dropmore). A fine, large, hardy, herbaceous plant; 4 to 5 feet high, with flowers of lovely Gentian blue.....	15	<b>Cerulea Candidissima.</b> A new pure white variety of the Rocky Mountain Columbine Count Zeppelin. The double corolla is snow-white, the sepals light blue.....	25
<b>ANTIRRHINUM, Giant Flowering.</b> These improved "Snapdragons" form brilliant garden beds, flowering profusely and continuously during summer and fall. They grow about 2 feet high. The flowers are nearly double the size of the older sorts.		<b>ARISTOLOCHIA Siphon.</b> (Dutchman's Pipe Vine). Luxuriant, hardy climber; large leaves, making dense shade; flowers mottled yellow and brown 30 feet.....	10
<b>Giant Flowering.</b> Mixed colors.....	10	<b>ASPARAGUS Verticillatus.</b> Hardy climber, with feathery foliage and scarlet berries; 10 feet.....	10
<b>Giant Yellow Queen,</b> pure yellow.....	10	<b>AUBRETIAS, New Large-Flowering.</b> Dwarf, hardy plants especially adapted for permanent edgings, rock gardens, stony hillsides and similar situations. This improved race produces large flowers in large clusters white, lilac, blue, red and violet. The plants blossom from April until June.....	15
<b>Giant Scarlet,</b> brightest scarlet.....	10	<b>ASTERS, Hardy, New Large Flowering.</b> These "Michaelmas Daisies" are splendid subjects for permanent positions in the herbaceous border, where they form large bushy clumps, 1½ to 2 feet high, and are covered with clusters of large single flowers during the late summer months.	
<b>Giant Niobe,</b> garnet, with white throat.....	10	<b>White Queen.</b> Pure white single flowers.....	15
<b>Giant Rose,</b> delicate rosy-pink.....	10	<b>Amelius Grandiflorus.</b> Single blue and pink.....	15
<b>Giant Striped,</b> yellow, striped red.....	10	<b>Townshendii.</b> Superb lilac-pink flowers.....	15
<b>Giant White,</b> pure snow-white.....	10	<b>New Pink and Red Shades.</b> New types ranging from silky-pink to claret-red.....	15
<b>Cottage Maid.</b> Coral-pink, with white throat		<b>Hardy Asters, Mixed Colors.</b> New large-flowering hybrids.....	10
Collection, 1 pkt. each of 6 separate colors.....	50	<b>BELLIS, or Double Daisy.</b> Greatly improved varieties of the popular "Double Daisies." Admirably adapted for edgings, borders and low beds. It is preferable to sow in fall, and winter the plants in cold frames; ½ foot.	
<b>Semi-Dwarf Large Flowering.</b> A beautiful class extensively used in Europe for bedding. The plants are of compact, bushy growth, only a foot high, and are completely enveloped with flowers throughout summer and fall.		<b>Longfellow.</b> Extra large double rose-pink flowers.....	10
<b>Semi-Dwarf, Albino,</b> creamy flushed, pink.....	10	<b>Snowball.</b> Unusually large, very double, pure white flowers.....	10
" <i>Picturatum</i> , blotched and spotted.....	10	<b>Red.</b> Densely double flowers, large, glowing red, shaded rose.....	10
" <i>White</i> .....	10	<b>Double, Mixed Colors.</b> .....	10
" <i>Yellow</i> .....	10		
" <i>Coral-rose</i> .....	10		
" <i>Mixed Colors</i> .....	10		

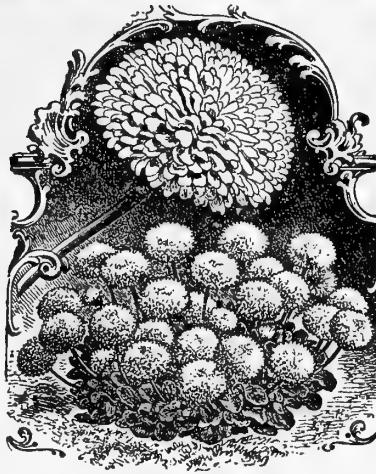
Collection, 1 pkt. each of above 6 separate colors.

CULTURAL INSTRUCTIONS ARE PRINTED ON ALL PACKETS OF HENDERSON'S FLOWER SEEDS.

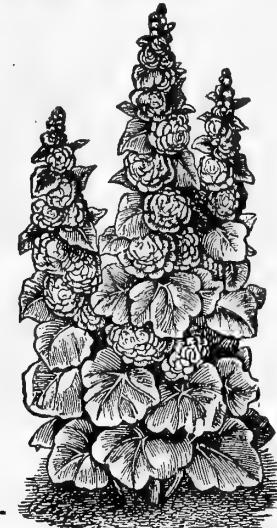
<b>CANDYTUFT, Hardy.</b> Compact-growing, hardy perennial plants, admirably adapted for permanent front rows of borders or for low clumps or beds.	10
<b>Gibraltar.</b> Showy, large-growing, red and rosy-white; 1 to 2 feet.....	10
<b>Sempervirens.</b> Completely covered with heads of white flowers in spring; 1 foot.....	15
<b>CELASTRUS Scandens</b> (Bitter Sweet). A popular native climber, with showy orange berries carried through the winter; 20 feet.....	10
<b>CANTERBURY BELLS.</b> Hardy biennial, 2½ feet high, producing large, bell-shaped flowers of exquisite colors. The "Cup and Saucer" varieties ( <i>Campanula Calycanthemum</i> ) produce beautiful single flowers three inches in length, saucers 3 to 4 inches across.	
<b>Single Mixed.</b> .....	05
<b>Double Mixed.</b> .....	10
" <i>Blue</i> .....	10
" <i>White</i> .....	10
<b>Calycanthemum Mixed.</b> .....	10
" <i>Rose</i> .....	10
" <i>White</i> .....	10
<b>CENTROSEMA Grandiflora.</b> A neat, hardy perennial vine, 10 feet high, with clusters of purple and white Pea-like flowers.....	10
<b>CERASTIUM Tomentosum</b> (Snow in Summer). A procumbent, hardy perennial, having white foliage and a profusion of small white flowers. Very pretty as an edging plant.....	25
<b>CARNATION, Hardy Garden.</b> Will produce large clumps that will stand out over winter, and bloom throughout the following summer and fall.	
<b>Finest Double Mixed.</b> Extra fine strain. <i>Per 1,000 seeds, 75c.</i> .....	10



AQUILEGIA



BELLIS PERENNIS.

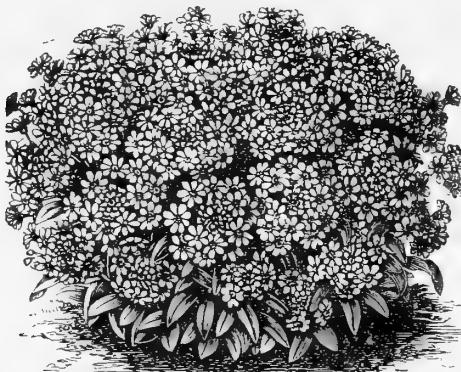


HOLLYHOCK.

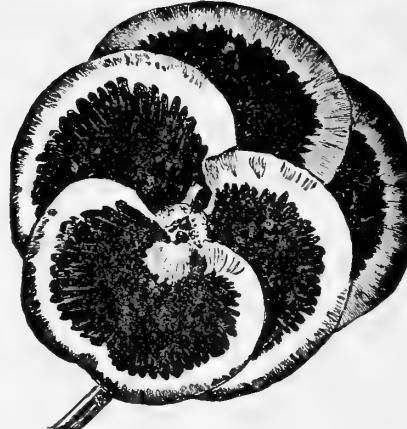
## Perennial Flower Seeds for Summer Sowing.

	PKT.
<b>CHRYSANTHEMUMS</b> Single Hardy (Shasta and Moon-Penny Daisies). The large flowering single white hardy Daisy— <i>Chrysanthemum leucanthemum maximum</i> —has long been considered one of our finest hardy perennials for permanent garden decoration. The following new types are great improvements.	
Princess Henry forms a bushy, compact plant 18 inches high, producing in abundance, during late summer and fall, magnificent large white flowers, 3 to 4 inches across.	10
<b>Shasta Daisy.</b> Produces pure white flowers 4 inches or more across, on stems 1½ to 2 feet in length. Plants, 2 to 2½ feet in height.	15
New Semi-Double Shasta Daisy. A variety of the above, producing large semi-double, pure white flowers.	25
<b>CLEMATIS</b> Paniculata. One of the finest hardy perennial climbers. Covered from the ground to the summit with pure white fragrant flowers. 12 feet.	10
Flammula. Fragrant feathery white flowers, in clusters, 25 to 30 feet.	05
<b>COREOPSIS</b> Harvest Moon. One of the finest hardy garden plants grown, forming large clumps 2 to 3 feet high. It is an improved variety of the <i>lanceolata grandiflora</i> type, producing immense, long-stemmed, rich yellow flowers, shaded with orange, flowering in profusion for a long period.	10
<b>COWSLIP.</b> This beautiful spring-flowering dwarf hardy perennial ( <i>Primula veris</i> ) bears clusters of fragrant flowers of various colors, as yellow-brown, edged yellow, etc. They are particularly pretty when grown in good sized colonies in partially shaded situations. Height, 6 inches.	10
<b>DELPHINIUM</b> , or Hardy Larkspur. Giant Double Hybrids. A splendid race of these popular hardy garden plants. The blossoms are of immense size, semi-double and perfectly double, dressing the graceful, towering spikes from 2 to 5 feet of their length. The colors range from white and lavender through every shade of blue from azure to indigo and purple. The plants grow from 6 to 10 feet in height; mixed colors.	25
<b>Hydratum Nanum.</b> A semi-dwarf single-flowering type, each plant producing several well-furnished spikes, 3 to 3½ feet in height. Colors vary from light celestial to deepest indigo.	15
<b>Formosa Giant.</b> Grows about 3½ feet high—bearing from June to October, long spikes of velvety, indigo-blue flowers nearly 2 inches across.	15
<b>Zalil.</b> (Hardy Yellow Larkspur.) Long spikes of 40 to 50 sulphur-yellow blossoms, each 1 inch in diameter, flowering from June until August, 3 to 4 feet.	10
<b>Hydratum Belladonna Fanny Stormonth.</b> A greatly improved variety of the "Belladonna" Larkspur; early and continuous blooming, light azure-blue color, flowers larger, on stems 5 to 7 feet high.	25
<b>Formosum.</b> Deep blue, white centre; 2 to 3 feet Single, Fine Mixed Colors.	05

	PKT.
<b>DIANTHUS</b> , Hardy, Grass or Spice Pinks. Dwarf Large Double-Flowering Grass or Spice Pinks. ( <i>Dianthus Plumarius Nanus</i> , fl. pl.)	
In these new Pinks we have a large variety of colors and markings; the color, of course, refers to the center of the flowers, the remainder being white or blush with a band of color near the margin; the colors include blood-red, rose, maroon, purple, pink, blush, spotted, laced, variegated, etc. They are excellent perennial garden plants, about 1 foot high, vigorous, hardy, and flower profusely during spring and early summer. The flowers are very large, double, beautifully fringed, and emit a clove-like perfume. Mixed colors.	25
Perfection Pinks. A superb strain of the hardy Grass Pink— <i>Dianthus plumarius</i> —bearing enormous double flowers of perfect form. Smooth round petals of pure white, edged with deep crimson, very fragrant.	15
Crown "Grass" Pinks. A new race with branching flower stalks 10 to 12 inches high, carrying large deliciously fragrant single, and semi-double flowers with fringed petals; colors, white, carmine, rose, lilac, etc. Each flower marked in the centre with a crimson or purple crown. They flower from May to July.	15
Maiden Pinks. This pretty type of hardy Pinks— <i>Dianthus deltoides</i> —forms low mats of grass-like foliage about 3 inches high, above which is thrown during spring and early summer a profusion of small single flowers not over ¼ of an inch in diameter on stems 6 to 8 inches in length. Colors red, rose and white, all adorned with a central zone of crimson.	10
Plumarius, double mixed. The favorite Pheasant's Eye or Grass Pinks 1 foot.	10
<b>DIGITALIS</b> or Foxglove. Gloxinia-Flowered. These improved Foxgloves are very showy, hardy plants; they are easy to grow and produce freely, spikes, 4 to 5 feet high, well furnished with large Gloxinia-like flowers of various colors, including white, cream, rose, red and other shades, all of which have beautiful throat markings, spots and blotches of purple maroon, etc.	
White, spotted.	10
Purple, spotted.	10
Lilac, spotted.	10
Rose, spotted.	10
Mixed colors. (Gloxinoides).	10
Collection of above 4 separate sorts.	30
Grandiflora. Yellow. Very charming flowers of soft chrome-yellow on 3-foot spikes.	10
<b>Monstrosa.</b> Long spikes of large flowers of various colors, many of which are beautifully spotted, etc., but the striking feature of this strain is the enormous bell-shaped blossom that tops each spike of flowers. Mixed colors.	15
<b>EDELWEISS</b> Siberian. This beautiful "Everlasting" is a hardy perennial growing about one foot in height being larger than the famous Alpine Edelweiss, the star-shaped, woolly white flowers being fully as large again. It also thrives better under cultivation and in low latitudes than the Alpine type.	15
<b>GAILLARDIA</b> Giant Hardy Hybrid. The flowers are extraordinarily large, often 4 to 5 inches across, and very highly colored in great diversity of variations as scarlet with gold edge, blood-red with yellow edge, yellow with orange disk, golden with scarlet border pure yellow, fiery-crimson and many others. These magnificent Gaillardias are hardy perennials, compact in growth and produce a constant succession of flowers summer and fall.	
Giant Hardy Hybrid, mixed colors.	10
<b>GYPSOPHILA</b> "Paris Market." An improved large-flowering variety of <i>G. paniculata</i> . It forms branching plants about 2 feet high, fairly smothered all summer long with graceful clusters of snow-white flowers half an inch across. A pretty garden annual, and of great value for bouquets, vases, etc.	10
Double-flowering ( <i>G. paniculata</i> fl. pl.). A new type bearing in profusion racemes of double white flowers which last long in perfection; 50% may be expected to come double, the balance single-flowering plants.	25
<b>HOLLYHOCK</b> Hardy Double. Grand summer and autumn flowering plants, bearing long spikes of double flowers 3 to 4 inches across. They are old inhabitants of our gardens, but are now so improved in doubleness and enlarged in size, under our special culture and hybridization, as to be revelations of gorgeous beauty to those who have not seen these improved sorts. Hardy biennials 5 to 8 feet high. The seed we offer has been saved from an unrivaled collection.	
Double Blush.	
Canary-yellow.	10
Black.	10
Crimson.	10
Maroon.	10
Deep Rose.	10
Pink.	10
Lavender.	10
Purple.	10
Light Apricot.	10
White.	10
White Violet Center.	10
Extra Choice Double Mixed. From named varieties. 1000 seeds, 75c.	10
Imported Collections of Double Hardy Hollyhocks. 12 separate colors, 40c.; 12 separate colors.	75
Single-flowering Hollyhocks, mixed colors. 1000 seeds, 50c.	05
Allegheny Hollyhocks. Mixed colors. Semi-double fringed flowers. 1000 seeds, 60c.	10
<b>HIBISCUS</b> , Hardy Varieties (Marsh Mallows). These are showy hardy plants, forming bushes about 3 feet high, bearing immense bowl-like flowers often 6 inches across.	
Rose-pink with white base.	
Giant Yellow.	
Yellow, garnet throat.	10
<b>INCARVILLEA</b> Delavayi. Beautiful new garden plant with long, flexible branches. It forms large fleshy roots the first year, which should remain in the ground the next season, and thereafter they throw up strong flower stalks 3 feet high, bearing large tubular flowers of rosy carmine, spotted yellow; throat brown.	
IVY, English. ( <i>Hedera Helix</i> ). Well-known holly vine, for moist, shaded positions; waxy-green leaves; 40 feet.	10
<b>Kenilworth Ivy.</b> Hardy little climber, clings to walls, etc., and a valuable trailing plant for hanging baskets, vases, etc.; 3 to 6 feet.	10



MYOSOTIS VICTORIA.



PANSY, MAMMOTH BUTTERFLY.



POLYANTHUS.

## Perennial Flower Seeds for Summer Sowing.

	PKT.
<b>KUDZU VINE.</b> A twining vine, making a growth of 40 to 50 feet in one season from established roots; hardy, though the vine dies down every winter in the North. Foliage large and lobed; purple pea-shaped flowers in clusters, borne late in the season.	.10
<b>LATHYRUS Latifolius, Hardy Everlasting Peas.</b> These climb 6 to 8 feet high when trained on a trellis; the flowers are borne in large clusters. They are peculiarly adapted to rough places, to scramble over rocks and bushes; splendid cut flowers.	
Red.....	.10
White Pearl. Large pure white flowers.....	.15
Mixed Colors.....	.10
<b>LAVENDER.</b> Well-known ornamental hardy perennial, bearing long spikes of fragrant blue flowers; 1 to 2 feet.	.05
<b>LUNARIA Biennis</b> or "Honesty." Hardy biennial especially useful in shady, damp places; the flowers of purple, crimson or white are followed by silvery transparent seed pods; height, 2 feet. Mixed colors...	.10
<b>LOBELIAS</b> Hardy. Tall-growing, hardy perennials with long spikes of brilliant flowers; for permanent beds and borders they are unrivaled; they are one of the few flowering plants that thrive in shady situations; 2 to 4 feet. The most brilliant plants in cultivation. Mixed colors.....	.10
Cardinalis. (Cardinal Flower.) Long spikes of intense scarlet flowers.....	.10
<b>LUPINS, New Hardy Hybrids.</b> Showy, hardy perennials 3 to 4 feet in height producing during summer, long racemes of pea-like flowers in a variety of colors.....	.15
<b>LYCHNIS Chalcedonica.</b> The scarlet Lychnis, an old favorite bearing flowers of bright scarlet flowers; very hardy; 3 to 4 feet.....	.05
<b>MYOSOTIS</b> or <b>Forget-Me-Nots.</b> Popular hardy perennials.	
Ruth Fischer. This splendid Forget-me-not created a sensation last season, and took first prize at the shows in Berlin, Dresden, Ghent and Mannheim. The plant is of compact habit with glossy dark green foliage, above which are carried on sturdy stems large clusters of immense pure Forget-me-not blue flowers, 1½ inches across, or larger than those of any other known Myosotis.	.15
Triumph. A robust-growing, large-flowering Forget-me-not. It commences to bloom in from 6 to 8 weeks from seed-sowing and continues to bloom until checked by frost. The individual flowers are large and are borne in clusters on long, graceful stems. Color, bright turquoise-blue with yellow eye.	.10
Palustris, Large-flowering. Dark blue; 1 foot	.10
Distinction (Quick-and-Ever-Flowering). The plants are of round, bushy form; 5 to 7 inches high, perfectly covered with clusters of flowers.	
Blue.....	.10
Mixed colors.....	.10
Victoria. Grand "Forget-me-nots" forming round, compact bushes about 8 inches high covered with clusters of large flowers.	
Blue.....	.10
Mixed Colors.....	.10

### PANSIES, Henderson's Mammoth Butterfly.

These Pansies we are very proud of. We have sold them for a number of years and receive hundreds of letters praising their superior beauty, size and other merits; they were awarded a medal at the Columbian Exposition, Chicago, where they competed with the best from all over the world. When our unequalled collections of all types of Pansies are in bloom we go over them daily and any plant producing flowers of superlative merit is removed to our "Mammoth" Butterfly plot of Pansies, where nothing but the largest, handsomest and most perfect are allowed to remain. Consequently the seed is saved from the greatest varieties of types, including only the best of Giant Casiers, Bugnots, Trimardeau, 5-blotted Odier, Giant English, French and German Hybrids, etc., resulting in the greatest variety of coloring, marking, blotching, veining, etc., for brilliant and attractive beds. Mixed colors. Per 1000 seeds, 75c.....

### HENDERSON'S GIANT RUFFLED PANSIES.

Flowers large, full, undulated and fluted from center to circumference, not unlike "frilled" velvet. Borne on strong stems well above the foliage; they are nearly all five-blotted on the "Odier" pattern, and contain rich combinations of coloring. Mixed colors. Per 1000 seeds, 75c.....

### HENDERSON'S MAMMOTH PARISIAN PANSIES.

Distinguished by magnificent and varied colors and strong markings. There is usually a large "blotch" on each of the five petals, with a surrounding band of some strikingly contrasting color, over all of which is thrown a cobweb-like netting of another hue. Mixed colors. Per 1000 seeds, 75c.....

### HENDERSON'S GIANT MOTTLED PANSIES.

The flowers are of giant size 3 to 3½ inches across—and of most gorgeous effects, blotched, spotted, marbled, veined, striped and blended, colors Mixed. Per 1000 seeds, 75c.....

### HENDERSON'S SUPERIOR GIANT TRIMARDEAU PANSIES.

Years of scientific culture, hybridization and selection in raising Pansies have gradually evolved a superior race of luxuriant, robust growth and deep-rooting, drought-withstanding qualities; the flowers have also correspondingly improved in size, substance, form and colors. Mixed. Per 1000 seeds, 50c.....

Giant Atropurpurea. Velvety royal-purple. Per 1000 seeds, 50c.....

" Canary Bird. Pure, spotless yellow. Per 1000 seeds 50c.....

" Emperor William. Indigo-blue, blotched black. Per 1000 seeds, 50c.....

" Fire King. Crimson-purple and golden-yellow. Per 1000 seeds, 50c.....

" King of the Blacks. Lustrous jet-black. Per 1000 seeds, 50c.....

" Lord Beaconsfield. Lavender, heliotrope and purple. Per 1000 seeds, 50c.....

" Peacock (Gloriosa). Garnet, cream and blue. Per 1000 seeds, 50c.....

### PANSIES.—(Continued.)

<b>Giant President Carnot.</b> White with large violet blotches. Per 1000 seeds, 50c.....	.10
" Prince Bismarck. Golden bronze. Per 1000 seeds, 50c.....	.10
" Prince Charming. Rose-pink, veined rosy lilac. Per 1000 seeds, 50c.....	.10
" Snow Queen. Spotless, snow-white. Per 1000 seeds, 50c.....	.10
" Striped. White, blue, violet and chocolate. Per 1000 seeds, 50c.....	.10
" Victoria. Ox-blood red. Per 1000 seeds, 50c.....	.10
" White Treasure. White with three violet blotches. Per 1000 seeds, 50c.....	.10
" Yellow. Golden-yellow, three maroon blotches. Per 1000 seeds, 50c.....	.10

### HENDERSON'S COLLECTION OF 12 GIANT PANSIES.

This collection contains one packet each of 12 of the largest and most beautiful Pansies in cultivation. Price, 75c.

### VARIOUS POPULAR STRAINS OF PANSIES.

German. Finest mixed. Per 1000 seeds, 50c.....	.05
Belgian Fancy. Mixed. Per 1000, 60c.....	.15
Cassier's Blotched Odier. Mixed. Per 1000 seeds, 75c.....	.25
Bugnot's Large Stained French. Mixed. Per 1000 seeds, 75c.....	.25
English Choicest Show. Mixed. Per 1000 seeds 75c.....	.25

### PENTSTEMON. "Sensation."

A Giant Gloxinia-flowered type. The graceful spikes, about 2 feet high, are bedecked with flowers, two inches across, from July until frost. The colors and markings are gorgeously varied from pink to scarlet and maroon, all beautifully blotched and veined with other colors; a large white throat, further enlivens and intensifies the surrounding colors.

Hartwegii Albus. A fine new variety and the first pure white Pentstemon. Though in bud and opening they are shaded cream. It is a remarkably early and long-blooming variety.....

Rocky Mountain Pentstemon (*P. Cyananthus*). A lovely and showy species. Compact spikes of lovely azure-blue flowers.....

PEONY. Grand, hardy herbaceous plants, with large double flowers of various colors; 2 feet high.

Double Chinese Mixed Colors.....

PHLOX, Hardy Large-flowering Hybrids.

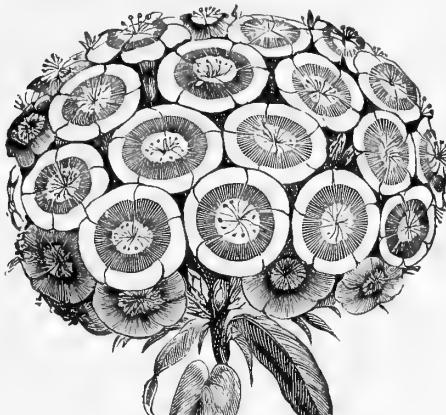
Noble-flowering plants for permanent beds in the garden and herbaceous border. The strain of seed we herewith offer has been saved from choicest named varieties, and should produce plants bearing immense panicles of large and bright-colored flowers, among which some new and beautiful colors, shades and combinations are likely to be found. The plants are perfectly hardy, 2 to 3 feet high.

Large-flowering Hybrids. Mixed colors.....

Dwarf, Large-flowering Hybrids. Mixed colors.....



HARDY ORIENTAL POPPIES



SWEET WILLIAM



TRITOMA

## Perennial Flower Seeds for Summer Sowing.

	PKT.	PKT.	PKT.	PKT.
<b>PLATYCODON</b> <i>Grandiflora</i> . Large-flowered Chinese Bell Flower. Hardy perennials, bearing large broad, bell-shaped white or blue flowers; very handsome for garden decoration; 1½ feet. The <i>Nana Compacta</i> or "Mariesii" type form sturdy little bushes only about 12 inches high.				
<b>Grandiflora.</b> Mixed colors. Blue and white. .10				
<b>Nana Compacta.</b> Mixed colors. Blue and white .10				
<b>POLYANTHUS</b> <i>Primula Elatior</i> . An early-blooming Primrose for spring flower beds or pot culture; the large umbels of flowers of various colors, edged and laced are borne on stalks 8 inches tall. Mixed colors. .10				
<b>GIANT ORIENTAL MIXED POPPIES.</b> Among hardy perennials these hold an unrivaled position for gorgeous effectiveness in gardens and hardy borders; height 2 to 3 feet; flowers immense, often 6 inches across.				
<b>Beauty of Livermere.</b> Crimson with black blotch. .25				
<b>Blush Queen.</b> Blush pink. .25				
<b>Princess Victoria Louise.</b> Salmon-scarlet. .25				
<b>Salmon Queen.</b> Salmon-yellow. .25				
<b>Rembrandt.</b> Orange-scarlet. .25				
<b>Dark Scarlet.</b> .25				
<b>Hybrids.</b> Mixed colors. .25				
<b>Colosseum.</b> Flowers 8 inches across. Dark scarlet, with a black spot at the base of each petal. .25				
<b>PRIMULA</b> <i>Japonica</i> Hybrids. These grand, new Japan Primroses are perfectly hardy—forming stately, robust plants that carry large trusses of bloom standing 3 to 3½ feet above the ground. The colors range from pure white through shades of pink to deep crimson .25				
<b>PYRETHRUM</b> <i>Hybridum</i> . Valuable hardy herbaceous garden plants with large single or double flowers, 3 to 4 inches across, of rose, flesh, pink, white, crimson, etc.; freely borne on stems about 2 feet high.				
<b>Single, Large-flowering.</b> Mixed colors. .10				
<b>Double, Large-flowering.</b> Mixed colors. .25				
<b>SCABIOSA</b> Hardy Varieties.				
<b>Caucasicus Perfecta.</b> One of the handsomest of hardy perennials, forming dense, spreading plants 2 to 3 feet high, thriving in any ordinary garden soil. Semi-double flowers, 3 to 4 inches across poised on stalks 1½ to 2 feet long. The coloring is a beautiful lilac-blue shading to deep blue. .15				
<b>Caucasicus Alba.</b> A large, pure white variety of the above. .25				
<b>Japonica.</b> New hardy perennial Scabious from Japan, forming large bushes 2½ to 3 feet in height and breadth, with elegant light green foliage. Flowers 2 to 2½ inches across, on long wiry stems from 15 to 20 inches in length, of a beautiful mauve or lavender-blue. .15				
<b>STOKESIA</b> , The Hardy Cornflower. The plants grow from 18 to 24 inches high and begin flowering in July, continuing without interruption till late in October. The flowers, 4 to 5 inches across, on long stems, are valuable for cutting.				
<b>Cyanea Blue.</b> Lavender-blue. .10				
<b>Cyanaea Alba.</b> New, a pure white flowering counterpart of the above. .10				
<b>SWEET WILLIAM</b> ( <i>Bianthus barbatus</i> ). One of the finest of our hardy garden plants, being of easy culture, thriving in any good garden soil and lasting for years. The plants grow about 1 foot high and form fine clump				
<b>Henderson's Perfection.</b> Our improved Perfection strains produce in greatest profusion very large florets in large heads and in a great variety of extremely rich colors.				
<b>Henderson's Perfection.</b> Extra choice Single Auricula-eyed varieties mixed. .10				
<b>Henderson's Perfection.</b> Double large-flowering mixed. Extra choice. .15				
<b>Diadem.</b> Large flowers of deep rich crimson, with a well-defined white eye. .25				
<b>Pink Beauty.</b> Large single flowers of pure pink. .15				
<b>Scarlet Beauty.</b> Large single scarlet flowers. .15				
<b>SWEET WILLIAM.—(Continued.)</b>				
<b>Harlequin.</b> Large flowers of several colors produced on one plant. Sometimes a head will be all crimson, another all pink, another white, etc., but usually florets of different colors will be borne in one head. .10				
<b>Imported Collection</b> of 6 separate sorts. .25				
<b>TRITOMAS</b> New Hybrids. Tritomas, popularly known as "Torch Lilies," "Red Hot Poker," "Flame Flowers," etc., are among our showiest hardy plants, producing the brightest flowers of the autumn garden. These new hybrids, crosses between early and late flowering species, are particularly beautiful and varied. They grow from seed and flower well the second year commencing in May and continue to bloom throughout the summer and fall. They range in color through shades and combinations of yellows from pale lemon to orange and from salmon-pink, coral red, etc., to crimson. The plants vary in height from 18 inches to 6 feet. .25				
<b>VIOLETS, Tufted or Bedding.</b> ( <i>Viola cornuta grandiflora hybrida</i> .) Pansy-like blossoms, 2 to 2½ inches across, of great substance and of most brilliant colors. The plants are hardy, of vigorous growth, forming deep-rooting, compact, tufted clumps, with myriads of flowers from spring until cold weather. Many are scented. Mixed colors. .25				
<b>WALL FLOWER.</b> These perennials make nice bushy plants, 1½ feet high, bearing in the spring long spikes of fragrant flowers of various colors, crimson, purple, yellow, apricot, mahogany, pink, etc.				
<b>Large Double.</b> Mixed colors. .15				
<b>Collection of 6 separate Double Wall Flowers.</b> .75				
<b>Large Single.</b> Mixed colors. .10				
<b>WISTARIA.</b> Of luxuriant and rapid growth, bearing in the spring immense panicles of flowers produced in great profusion, 75 feet.				
<b>Wistaria, Chinese.</b> Blue. .10				

THE MOST BEAUTIFUL LAWNS IN AMERICA ARE MADE BY SOWING  
IN SPRING, SUMMER OR FALL

## THE "HENDERSON" LAWN GRASS SEED.

THE QUANTITY REQUIRED  
for making new lawns is 5 bushels per acre, or for renovating old lawns, 1 to 2 bushels. For a plot 15 x 20, or 300 square feet, 1 quart is required for new, or 1 pint for renovating old lawns. Full instructions in every package and bag.

And It is Equally Valuable for Renovating Imperfect and Old Worn Out Lawns

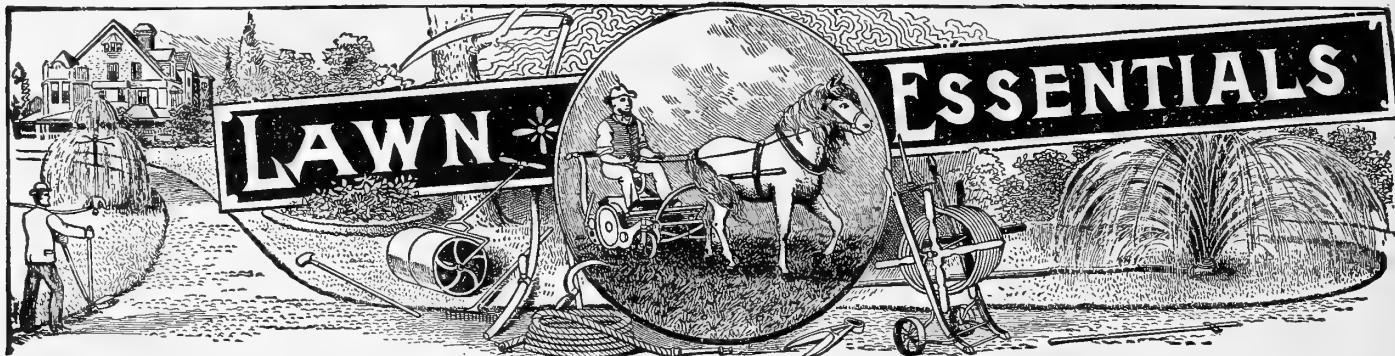
It is Used and Praised by Thousands From Maine to California

THE "HENDERSON" LAWN GRASS SEED produces a perfect and enduring lawn of luxuriant richness, with closely interwoven, firm, elastic turf, and is often "ready for mowing four weeks from sowing." This celebrated Lawn Grass is composed of a thoroughly balanced combination of various native and foreign fine-leaved, deep-rooting grasses of interweaving habit, that flourish under our varied conditions, soils and climates, growing during different seasons of the year, so that a deep green, smooth, and velvety sward, free from clumps, is maintained from snow to snow, year after year, and without burning brown in summer, its constant luxuriance rivaling the famous old lawns of England.

We have made the formation of lawns a study for years, and thousands of the finest lawns and grass plots in America were obtained by following our instructions and using The "Henderson" Lawn Grass Seed.

Price of the  
HENDERSON LAWN  
GRASS SEED

Delivered free in the  
United States, 30c  
quart; \$1.00 for 4  
quarts; \$1.75 peck;  
\$6.00 per bushel of  
20 lbs.



## THE HENDERSON Self-Adjusting Ball-Bearing LAWN MOWER.

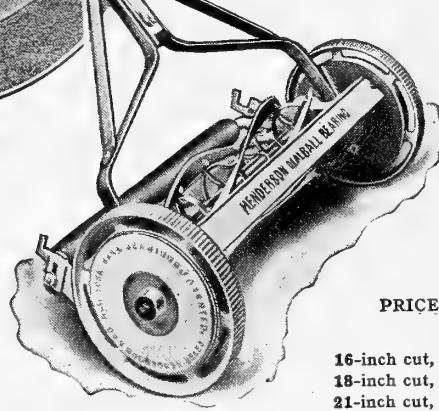
LIGHT RUNNING. NOISELESS—DURABLE—  
SELF-ADJUSTING. TENSION DRAW CUT. AL-  
WAYS SHARP. DOES NOT PULL THE GRASS.

Leaves the Lawn Smooth  
— and —  
Free from Corrugation.



### Grass Catchers

for the Henderson "Ball-Bearing" Lawn Mowers are of superior heavy duck; bottom of galvanized iron that will not sag nor drag on the ground when filled; they are quickly attached, removed or dumped.



### CUSTOMERS REPORTS ABOUT THE HENDERSON BALL-BEARING LAWN MOWER.

"I had one of the Henderson Ball-Bearing mowers some years ago and will not be without one again while I have a lawn. I have used several different kinds of mowers, but have never seen one that compares with yours. Usually it is a dreaded job to mow a lawn, but with the ball-bearing, it works so perfectly and so easily, it is a pleasure to mow with it."

H. THOMPSON, Pratt, Kansas.

"Ship at once one Henderson Ball-Bearing Lawn Mower 21-inch cut, to County Commissioner of Wyoming County, Pa., Tunkhannock, Pa. I bought one of the above mowers about ten years ago for the Commissioners and it has been used every season since without any repairs and we have a large lawn. It has given good satisfaction."

CHAS. H. YOUNG, Tunkhannock, Pa.

"Just a line to advise you the 18th "Henderson" Lawn Mower received from you a few days ago is superior to anything I have ever seen or used and I am more than pleased with same."

FRED WILDEY, Livingston, N. Y.

THE HENDERSON BALL-BEARING MOWER has high drive wheels, large, open five-blade, non-clogging cylinder. The spiral of the knives is correctly proportioned to give a continuous cut, leaving the lawn as smooth as if shaved, entirely free from the corrugated surface left by other Mowers. The handles are braced and reinforced to prevent twisting and breaking when one side of the Mower is held off the ground, and besides the handle is equipped with improved "grips," which keeps the hands in a natural position, gives more power, and is less tiresome than a continued grasp, with wrists twisted, on a horizontal grip.

### PRICES FOR THE HENDERSON BALL-BEARING LAWN MOWERS.

(Strictly net; no charges for packing or cartage).

16-inch cut, \$7.50.....	Grass Catcher Extra, \$1.75
18-inch cut, \$8.50.....	Grass Catcher Extra, \$1.85
21-inch cut, \$9.50.....	Grass Catcher Extra, \$2.00

"We have several makes of mowers, but none cut the lawn as well as the Henderson Ball-Bearing."

FRANK H. VILLE, Freemansburg, Pa.

"Some years ago we purchased of you a "Henderson" Lawn Mower. We have used it constantly on rough, sandy ground. It has done all its work well. I do not believe any other mower would stand the treatment this one gets. Our neighbor has used three mowers in the same length of time."

R. M. MUNROE, Cocoanut Grove, Fla.

"As far as my experience goes the Henderson Self-Adjusting Ball-Bearing Lawn Mower is the most nearly perfect Lawn Mower ever made. Ten years ago I purchased the "Henderson" mower having a 24-inch cut. It was used constantly for 4 years on our park and 6 years on my home grounds. It still does good work and to all appearances is good for another decade of service."

DR. JOHN V. N. STANDISH, President Park Commission, Galesburg, Ill.

**"RUNAWAY" HIGH-WHEEL LAWN MOWER.**

A first-class high-wheel lawn mower at a popular price; the four revolving knives give a continuous cut; made of best materials, easy running and fully warranted.

Prices (Strictly net; no charge for boxing or cartage.)

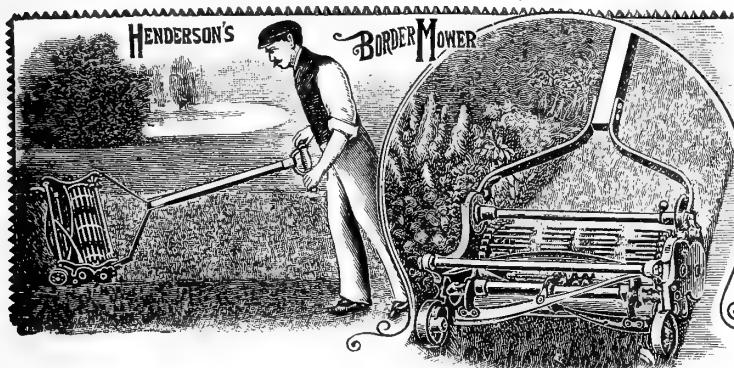
12-inch cut.....	\$4.00	20-inch cut.....	\$6.00
14- " "	4.50	Metal Bottom Grass Catchers, for any	
16- " "	5.00	size "Runaway" Mower (extra).....	1.25
18- " "	5.50		

**"UNIVERSAL" LOW-PRICE LAWN MOWER.**

For the benefit of those who want a low-price mower, and for those who have but little grass to cut, we offer the best cheap mower made. While the prices are as low as "department store" prices, yet this mower will be found much better, both in quality of knives and quality of work.

Prices (Strictly net; no charge for cartage or packing.)

10-inch cut.....	\$2.75	18-inch cut.....	\$3.75
12- " "	3.00	Canvas Grass Catcher, for any size	
14- " "	3.25	Universal Mower (extra).....	1.25
16- " "	3.50		

**HENDERSON'S BORDER AND TERRACE MOWER.**

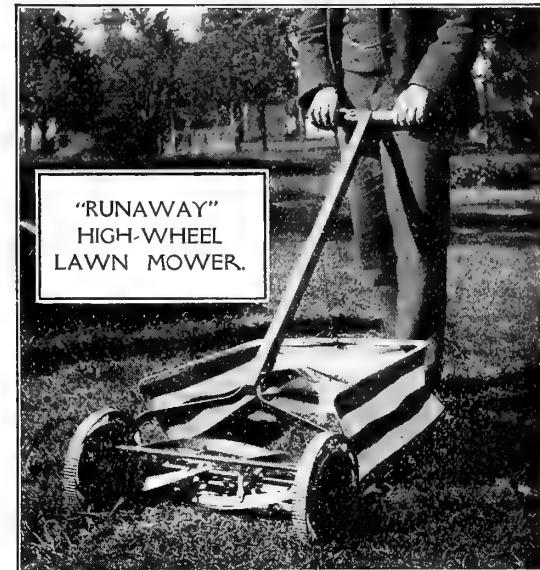
Especially designed to cut the grass on borders—the narrow strips of sod sometimes only a few inches wide—between flower beds and walks, where a side-wheel mower would have one wheel down in the gutter, and in consequence the mower would cut into the sod. In our Border Mower a large light cylinder extends the full width of the mower and keeps the machine level with the surface and does perfect work. This machine is also useful for regular lawn work. It is very light running, and will give thorough satisfaction.

Prices (Strictly net; no charge for boxing or cartage.)

10-inch cut.....	\$6.00	16-inch cut.....	\$9.00
12- " "	7.00	18- " "	10.00
14- " "	8.00		

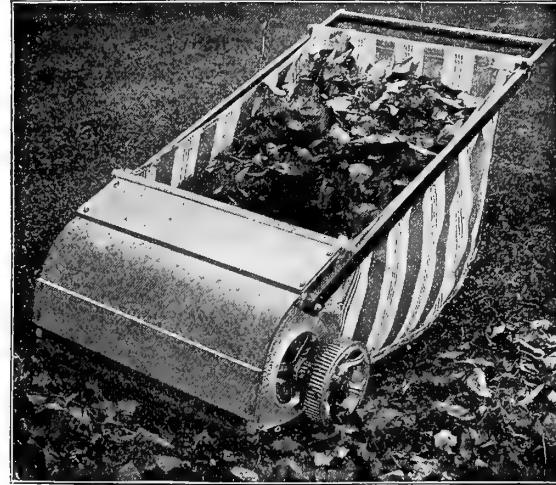
**THE PENNSYLVANIA ROTARY LAWN RAKE.**

This is virtually a revolving lawn comb, having flexible steel wire teeth instead of fibre brushes as in the Apollo Sweeper offered below, the latter being a surface sweeper, while the wire teeth of the revolving lawn rake go between the blades of grass and comb out all dead grass, crab grass, leaves, sticks and other rubbish. It leaves the grass standing upright. The action of the three revolving rakes raises up the creeping crab grass and other low growing weeds so the lawn mower can cut them before going to seed, thus effectually ridding the lawn of annual weeds. In other respects the operation of the two machines is similar, both having dumpable collecting boxes, etc. (See cut). Price, 24-inch machine, \$16.00. (Weight, packed for shipment, 90 lb.) Price, 30-inch machine, \$25.00, (Weight, packed for shipment 125 lb.)



We Supply all Leading Lawn Mowers, including the following:

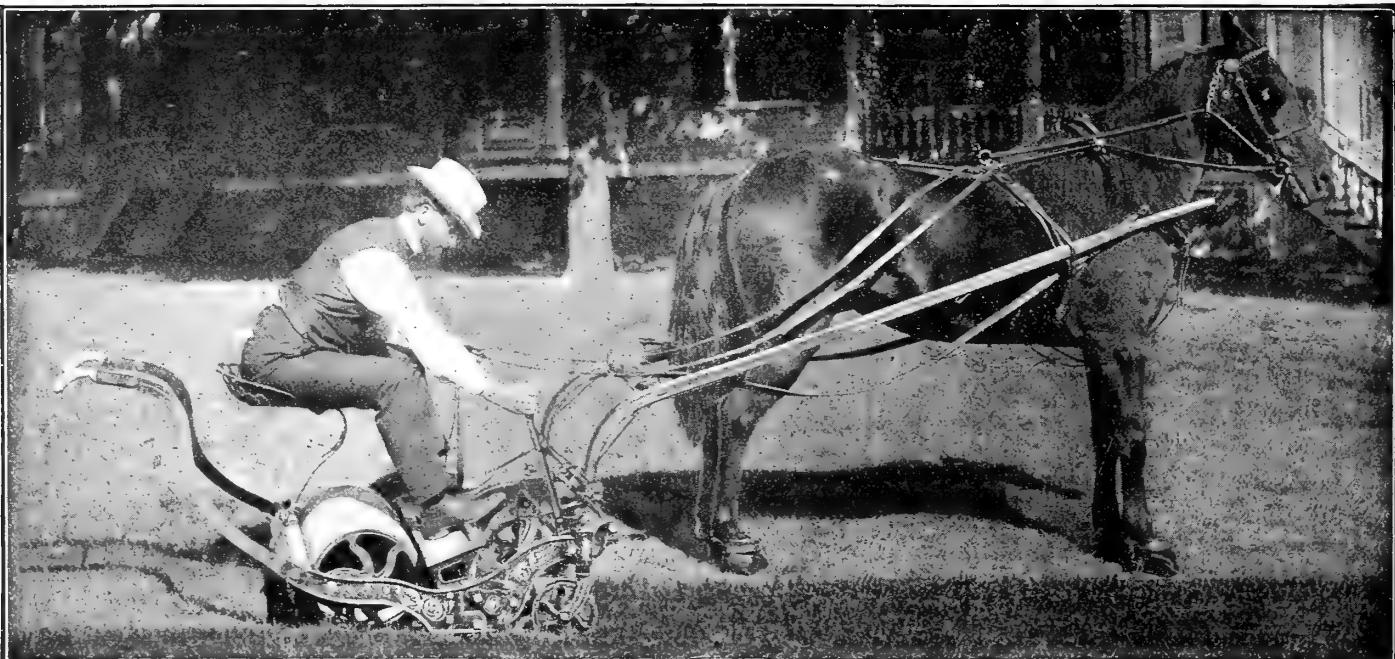
Chain Roller Mower. Four-Bladed.		Imperial High Wheel. Four-Bladed.	
Net Prices.	Grass catcher	Net Prices.	Grass catcher
12-inch cut.....	\$10.50	\$1.70	\$1.85
14- " "	11.75	1.85	2.00
16- " "	13.00	2.00	2.15
18- " "	14.00	2.15	2.30
20- " "	15.00	2.30	With 5 blades, add 75.
With 6 blades, add \$1.00.		14-inch cut.....	
		8.50	\$1.85
		16- " "	9.00
		18- " "	10.50
		20- " "	11.50
		With 5 blades, add 75.	
Pennsylvania High-Wheel		Philadelphia, Style E. High-Wheel (10-in.)	
15-inch cut.....	\$12.00	\$1.70	\$1.70
17- " "	13.50	1.80	1.80
19- " "	15.00	1.90	1.90
21- " "	16.50	2.00	2.00



THE PENNSYLVANIA ROTARY LAWN RAKE.

**THE APOLLO ROTARY LAWN SWEOPER.**

A thoroughly satisfactory machine for sweeping the lawn after mowing. The sweeper gives you a perfect lawn as soon as the sweeping is finished instead of looking gray for several days owing to the withered cut grass. If the sweeper and lawn mower are run in opposite directions, the lawn will be the same shade of color all over. It gathers up and throws into the large collecting box all cut grass, leaves, small stones, sticks, etc.; nothing escapes. When the box is full it is quickly dumped by pulling a cord. It works something like a carpet sweeper, having revolving flexible fibre brushes. It can be set low or high, as desired. It is simple, strong, and easily pushed by a man or boy, leaving the lawn in beautiful condition, clean, bright and green. While essentially a lawn sweeper, yet it is equally valuable for sweeping walks, stables, warehouses, etc., for which rubber-tired wheels can be supplied at an extra cost. Price, 20-in sweep, \$13.00; 28-in. sweep, \$15.00.



USED ON THE FINEST PRIVATE LAWNS, PARKS, GOLF COURSES AND COUNTRY CLUB GROUNDS.

among which are,

Dyker Meadow Golf Club, . . . N. Y.  
Thousand Island Yacht Club, . . . N. Y.  
Eagle Nest Country Club, . . . N. Y.  
Ottawa Golf Club, . . . Can.  
Niagara Golf Club, . . . N. Y.  
Misquamicut Golf Club, . . . R. I.  
Westchester Country Club, . . . N. Y.  
Chevy Chase Club, . . . Md.  
Essex County Country Club, . . . N. J.  
Ardsley Golf Club, . . . N. Y.  
Burlingame Country Club, . . . Cal.  
Crescent Athletic Club, . . . N. Y.  
Oyster Bay Golf Club, . . . N. Y.  
Eagle Nest Golf Club, . . . N. Y.  
Savannah Golf Club, . . . Ga.  
Florida Country Club, . . . Fla.  
Elizabeth Town & Country Club, N. J.  
Sea Cliff Golf Club, . . . N. Y.  
Scarsdale Golf Club, . . . N. Y.  
Newark Athletic Club, . . . N. J.  
Hackensack Golf Club, . . . N. J.  
Mahopac Golf Club, . . . N. Y.  
Ekwanoek Golf Club, . . . Vt.

and others too numerous to mention.

## \* The New **Henderson Horse Lawn Mower**

FULLY WARRANTED.

AND ROLLER COMBINED.

THE LATEST AND BEST.

Knives can be raised or lowered instantly. Side draught (applicable to either side) keeps horse off uncut grass.

THIS is the best horse-power mower manufactured, simple in construction, very durable; nothing but the very best steel and iron are put in it. It is quickly adjusted to cut high or low, and the arrangement for throwing in and out of gear and for raising the knives when passing over stones, rough places or roads is operated from the seat. The side draught (applicable to either side) keeps the horse on the cut grass and prevents trampling down that which is to be mown. The revolving knives are "high speeded," making a continuous cut and leaving the surface of the lawn as smooth as velvet. These mowers are fitted with a two-section roller and weigh, exclusive of shafts, 30-inch cut, 445 lbs.; 33-inch cut, 490 lbs.; 40-in. cut, 540 lbs.; to this may be added the weight of the man if he rides, thereby rolling the lawn with a very respectable weight at the same time it is cutting; or the cutter may be thrown out of gear by the movement of a lever and the machine be used for rolling alone.

Prices for the HENDERSON HORSE MOWER, complete with seat, shafts and side draught. Strictly net, no charge for cartage or boxing.

30-in. cut, \$60.00

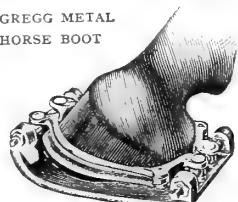
(Packed weight, with shafts, 610 pounds.)

35-in. cut, \$67.00

(Packed weight, with shafts, 660 pounds.)

40-in. cut, \$75.00

(Packed weight, with shafts, 690 pounds.)



### LAWN BOOTS FOR HORSES.

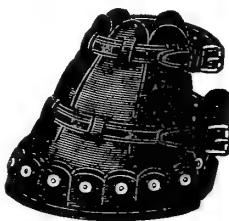
These prevent the horse's hoofs from cutting and marring the surface of lawns when the ground is soft or moist.

#### Henderson's Improved Leather Horse Boots.

These are of best quality and will not stretch out of shape like cheap boots. The soles are two thickness of best sole leather riveted together. These boots strap about the hoof and do not chafe nor wear off the hair like tall boots that fasten about the leg. In ordering send outline of hoof. Price, per set of 4, \$10.00. Medium, P.P. 9 lb. Large, P.P. 10 lb.

#### THE GREGG METAL HORSE BOOT.

The best metal boot, very durable being entirely made of steel. It adjusts perfectly to the hoof by front and back screws and overcomes the objection to other metal boots that we are acquainted with which either fasten to the shoe, tending to loosen it or pull it off, or else fasten around the hoof by a single clamp or screw at the back which tends to pinch in the frog. The Gregg Boot is made in 5 sizes. In ordering send outline of hoof. Price, per set of 4, \$9.00.



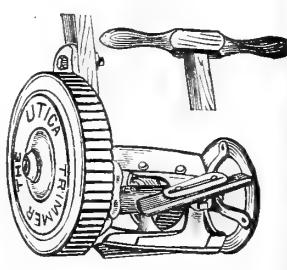
LEATHER HORSE BOOT

### THE UNIVERSAL LAWN TRIMMER.

The latest and best machine that we know of for trimming grass close up to the fence or wall, thus reducing hand work with shears to a minimum. It will also be found handy for trimming up around trees, under bushes, etc., and in cemeteries it will be a boon. It cuts 6 inches in width. This Lawn Trimmer is a high-grade machine in every respect with self-adjusting ball bearings preventing any "end play," thus keeping the knives always set, wearing to the same bevel and therefore always sharp. The handle being on line with the driving wheel overcomes the tendency of the machine to run sideways—so annoying in other machines designed for a similar purpose. Price, \$5.00.

#### THE UTICA LAWN TRIMMER.

A similar, lower priced machine than the above, and designed for the same purpose. Price, \$3.50.



UTICA LAWN TRIMMER.

# Customers Please Notice

That postage must be added for all  
"Fourth Class Mail" wanted by Parcel Post!

## REGARDING UNITED STATES PARCEL POST.

Within the U. S. and Possessions:

Alaska, Canal Zone, Guam, Hawaii, Port Rico, the Phillipines and Tutuila (Samoa)

FOR ALL "FOURTH CLASS MAIL" MERCHANDISE:

(Seeds, Plants, Bulbs, Roots and Books Excluded.)

The rate of postage on seeds, plants, bulbs and roots mailed within the United States and possessions remains the same as heretofore, viz.: one cent (1c.) for each two ounces or fraction though the maximum weight of a mailable package may now be eleven (11) pounds, and the size seventy-two (72) inches for combined length and largest girth.

THE U. S. PARCEL POST MAY ONLY BE OF ADVANTAGE to some of our customers in the United States and possessions—those distant and those living away from Express Offices on Rural Delivery routes will perhaps be the most benefitted—who order from us to go by "Parcel Post" the undernoted merchandise when mailable and within the packed weight and size limit as above, viz.: tools, and accessories, odorless fertilizers, insecticides and fungicides (fluids and poisons excluded). All such merchandise mailable by Parcel Post offered in this catalogue, we have marked "Add extra for Parcel Post" and given the packed weight so that extra for postage must be allowed according to Zone distances as below:

U. S. Parcel Post Weights and Rates (Seeds, Plants, Bulbs, Roots, Books Excluded)	Local Manhattan and Bronx only	1st Z. within 50 miles of N.Y.	2d Z. 50 to 150 miles of N.Y.	3d Z. 150 to 300 miles of N.Y.	4th Z. 300 to 600 miles of N.Y.	5th Z. 600 to 1,000 miles of N.Y.	6th Z. 1,000 to 1,400 miles of N.Y.	7th Z. 1,400 to 1,800 miles of N.Y.	8th Z. all over 1,800 miles of N.Y.
1 lb.....	5c	5c	6c	7c	8c	9c	10c	11c	12c
2 lb.....	6c	8c	10c	12c	14c	16c	19c	21c	24c
3 lb.....	7c	11c	14c	17c	20c	23c	28c	31c	36c
4 lb.....	8c	14c	18c	22c	26c	30c	37c	41c	48c
5 lb.....	9c	17c	22c	27c	32c	37c	46c	51c	60c
6 lb.....	10c	20c	26c	32c	38c	44c	55c	61c	72c
7 lb.....	11c	23c	30c	37c	44c	51c	64c	71c	84c
8 lb.....	12c	26c	34c	42c	50c	58c	73c	81c	96c
9 lb.....	13c	29c	38c	47c	56c	65c	82c	91c	1.08
10 lb.....	14c	32c	42c	52c	62c	72c	91c	1.01	1.20
11 lb.....	15c	35c	46c	57c	68c	79c	1.00	1.11	1.32

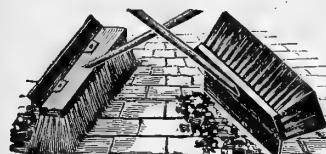
For small packages, weighing 4 ounces or less, a special rate of 1c. per ounce or fraction is provided covering all zones. A package weighing over 4 ounces and not more than 16 ounces is charged at the "First Pound" rate.

**PETER HENDERSON & CO.,**

35 and 37 Cortlandt St., - - - - - New York.



BASS BROOM WITH SCRAPER HOE.



12-inch, 4 rows or bristles.....\$0.75  
14- " 5 " " " .....0.90  
16- " 5 " " " .....1.00

HALF MOON BORDER EDGING KNIFE.



For trimming the sod around the borders of walks, etc. Price, with handle, 60c. each.



GRASS HOOKS.

English Riveted Back

Thin sharp blades, strengthened by a riveted back, light and rapidly handled. Small size.....45c. Medium size.....50c. Large size.....60c.



Knuckle saver Grass Hook. The handle is raised from the blade, making it possible to cut close without bruising or skinning the knuckles. Price, 50c.

POPULAR GRASS HOOK.

To meet the demand for a low priced Grass Hook we offer this and it is of very good edge holding quality. Price, 25c. each.

DANDELION and PLANTAIN SPUD



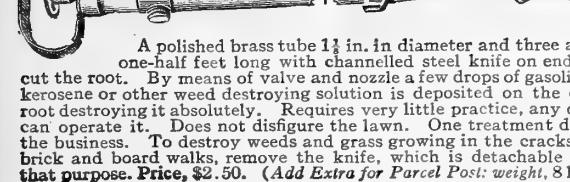
A handy tool for cutting dandelions, plantain and other weeds out of the lawn. Also useful when out botanizing. Price, 35c. (Add Extra for Parcel Post: weight,  $\frac{1}{4}$  lb.)

WOOD LAWN RAKE.



Our wood rakes are of superior grade; selected wood; 3 bow. Wood Hay, 12 teeth, 40c. ea., \$4.00 doz. Wood Lawn, 24 teeth, 40c. ea., \$4.00 doz.

LIGHTNING DANDELION EXTERMINATOR.



A polished brass tube  $1\frac{1}{2}$  in. in diameter and three and one-half feet long with channelled steel knife on end to cut the root. By means of valve and nozzle a few drops of gasoline, kerosene or other weed destroying solution is deposited on the cut root destroying it absolutely. Requires very little practice, any one can operate it. Does not disfigure the lawn. One treatment does the business. To destroy weeds and grass growing in the cracks of brick and board walks, remove the knife, which is detachable for that purpose. Price, \$2.50. (Add Extra for Parcel Post: weight, 8 lb.)

BILL HOOK—IMPORTED.



Very handy for trimming shrubbery, etc., where a long-handled hook cannot be used. Price, \$1.60.

REVOLVING BORDER CUTTER.



For trimming turf around edges of walks and beds. A revolving knife enables the work to be done with rapidity. Price, \$1.25.

IMPORTED ENGLISH RIVETED-BACK LAWN SCYTHE.



Light and thin broad blades, strengthened by a riveted back. 32 inch, \$1.50; 34 inch, \$1.60; 36 inch, \$1.75; 38 inch, \$1.85.

SCYTHE STONES AND RIFLES.



Genuine English Talacre; round taper ends, 20c. each, \$2.00 doz. "Ohio-Red end," flat stone, 5c. each, 50c. doz.; Rifles, quadruple emery-coated, 15c. each, \$1.25 doz.



GARDENER'S GLOVES.

For protecting the hands, handling thorny plants, etc. Heavy goat, per pair.....\$1.00 (Add Extra for P. P. weight, 1 lb.)

RUBBER GARDENING GLOVES. With gauntlets Men's sizes, \$1.75; Ladies' size, \$1.50

AUTOMATIC SELF-CLEANING LAWN RAKE.



A backward motion of the operator will clean all the teeth at once, thus avoiding cleaning the teeth with the fingers. Made of best hickory. 26 teeth, \$1.00; 38 teeth, \$1.25; 52 teeth, \$2.25 each.

BRUSH AXE.



This is an excellent tool for trimming out underbrush, cutting down old berry hedges, etc.

Price, handled, \$1.10.

LAWN SHEARS.

For cutting grass under shrubs, fences, etc. Price, with two wheels, 9 inch blades \$3.00.



GRASS EDGING OR BORDER SHEARS.

For trimming the overhanging grass around the edges of walks, etc. Price, 9-inch blades, \$2.50, or with wheel, \$3.00.



TROWEL SHANK GRASS SHEARS.



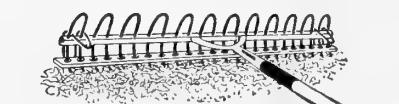
Solid steel, of finest quality and temper; 7-inch blades. The raised, trowel-like handles keep the knuckles off the ground and allow smoother cutting, 90c. (Add extra for Parcel Post; weight 2 lb.)

REVERSIBLE STEEL LAWN RAKE.

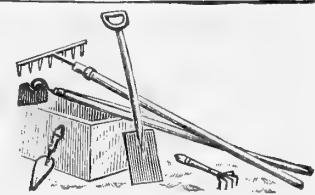


Heavily tinned steel teeth. The arched teeth for leaves and litter and the opposite side for fine cut grass. Twenty-four teeth closely set in a 21-inch head. Price, 50c. ea.

REVERSIBLE STEEL LAWN RAKE WITH TEETH CLEANER.



This is the reversible Steel Lawn Rake described above with an extra iron bar—perforated for the teeth so it slides up and down quickly cleaning the rake when clogged. Price, with handle, 75c. each.



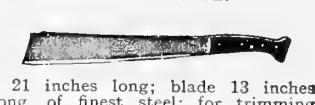
Youth's Set of Gardening Tools.

These are made for business; of first-class quality; not toys. The set consists of digging fork, shovel, hoe, rake, trowel and weeder. Price, \$2.75.

HEDGE SHEARS.

Used for both trimming hedges and cutting grass; English manufacture. 8 in. blades, \$1.25; with notch, \$1.50. 9 " " 1.50; " " 1.75. 10 " " 1.75; " " 2.00.

HEDGE KNIFE.



21 inches long; blade 13 inches long, of finest steel; for trimming woody hedges, underbrush, etc. 50c.

EUREKA HAND WEEDER.



EUREKA WEEDER.

Our choice of the finger weeders; the prongs, being of solid forged steel, are thin and long, and get right down to work in loosening soil and breaking crust. Short handle, 30c. each, \$3.00 doz. (Add Extra for Parcel Post; weight, 2 lb.) Long handle, 40c. each; \$4.50 doz. (Not mailable.)

LAWN WEEDERS.

Chisel Blade

Weed Cutter

Long-handled with foot rest so it can be pressed cutting off roots of weeds without marring lawn. Price, 60c. each.

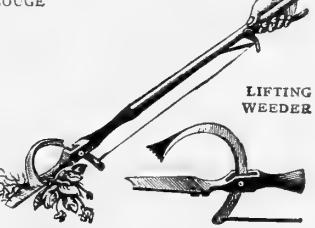
REVERSIBLE WEED GOUGE.

A very useful tool for cutting weeds out of lawns. Reversible blade has two styles of cutting edges; handle 42 in. long. Price, 30c. each.

LIFTING WEEDER.

A chisel blade cuts off the weeds; the trigger holds them so they can be pulled out. Price, 60c. each.

CHISEL WEEDER



## THE "SHOWER" LAWN SPRINKLER.

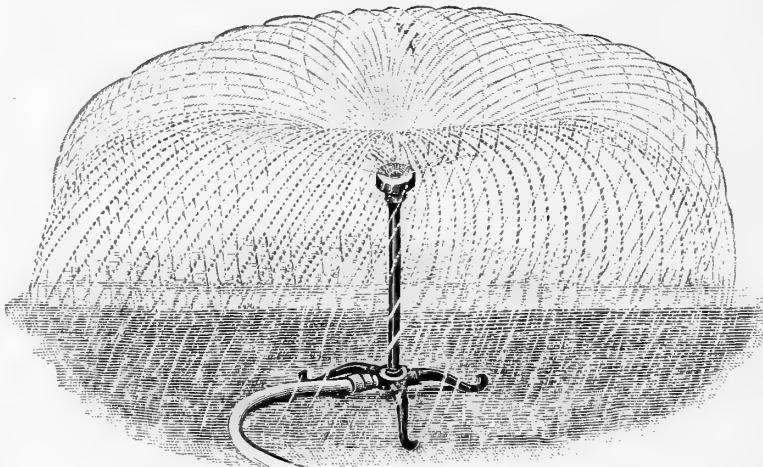
One of the most satisfactory lawn sprinklers we offer. It is very simple—no parts to revolve, squeak, clog, wear or get out of order. No arms to break off. It is a round box-like affair—about 3 inches in diameter by 1 inch in depth with a turbine arrangement inside which gives the water passing through a swirl causing it to pass through the single opening and be distributed over a circular area 25 feet or more in diameter according to the water pressure. The water descends evenly from center to circumference in the form of fine rain. Price, on stand \$2.50 (Add Extra for Parcel Post; weight 4 lb.); without stand, to be used as a nozzle, \$1.25 (Add Extra for Parcel Post; weight 1 lb.).

"I have given your 'shower' lawn sprinkler a thorough test. It is well named as it more closely imitates a gentle spring shower than any other sprinkler I have ever tried, and being simple in construction and made of non-corroding material it ought to last indefinitely. I am more than pleased with it!"

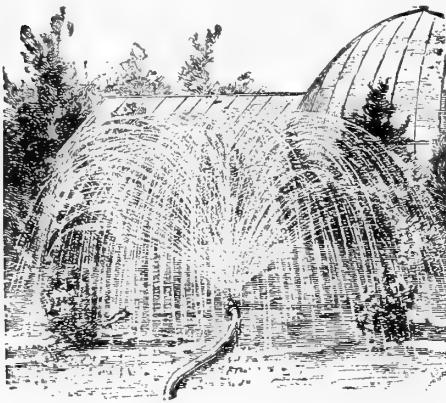
Signed,

HERMAN W. MERKEL,  
Chief Forester, New York Zoological Park, New York

# Lawn Sprinklers.



THE SHOWER LAWN SPRINKLER.

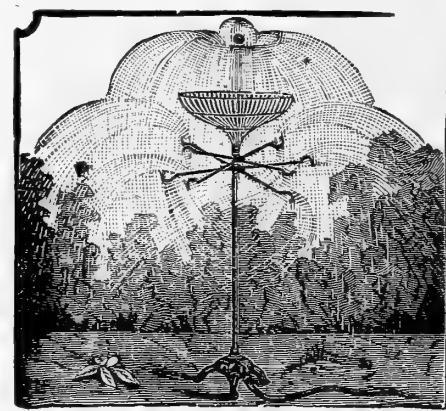


WATER WITCH LAWN SPRINKLER ON SPUR.

## THE "WATER WITCH" LAWN SPRINKLERS.

An effective device for sprinkling lawns, gardens or flower beds. The water flows with unimpeded force, and is divided and deflected by the two lips of the swivel piece, which it causes to revolve rapidly, scattering the water in fine drops and evenly over a circular area of 25 to 40 feet diameter. It works more satisfactorily with a very low pressure of water than any sprinkler we know of.

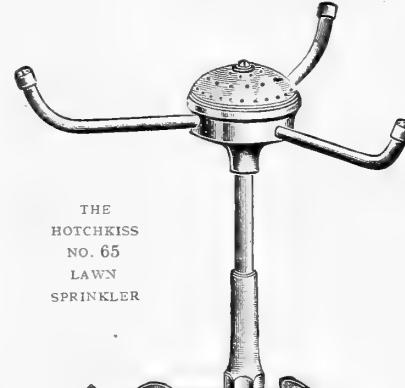
Price, without stand (i.e., with spur to stick in the ground (see cut), 40c. each; (Add Extra for Parcel Post; weight, 1 lb.) Price, with stand, \$1.00 each (Add Extra for Parcel Post; weight, 3 lb.).



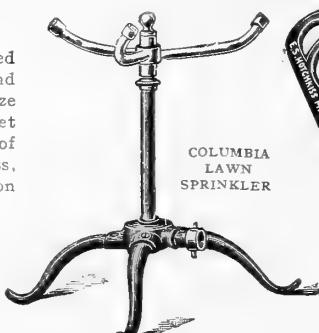
THE 8-ARM LAWN SPRINKLER

## THE HOTCHKISS No. 65 LAWN SPRINKLER AND FOUNTAIN.

This Combination Lawn Sprinkler and Fountain when in operation on the lawn is very attractive. The nickel plated arms revolve distributing the water in rain-like drops over an area 25 feet or more in diameter according to the water pressure. In addition to this the central oval spray cover causes some of the water to be thrown up forming a beautiful umbrella-shaped fountain. Price, \$1.75 each (Add Extra for Parcel Post; weight, 4 lb.).



THE  
HOTCHKISS  
NO. 65  
LAWN  
SPRINKLER



COLUMBIA  
LAWN  
SPRINKLER



PERFECTION LAWN SPRINKLER

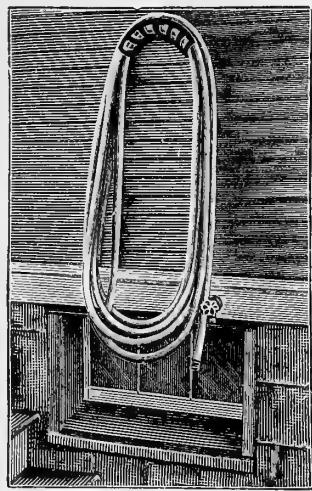
## THE PERFECTION LAWN SPRINKLER.

One of the best Lawn Sprinklers made. Will last a life time with proper care. Made of Brass with no working parts to clog up, get out of order or wear. The sled runners enable it to be moved from place to place on the lawn without shutting off the water. Will spray a radius of 30 ft., with ordinary pressure. Price, \$1.25 (Add Extra for Parcel Post; weight 3 lb.).

## THE RING LAWN SPRINKLER.

The simplest lawn sprinkler made—no revolving parts to wear and get out of order or leak. Easily moved about the lawn—made of polished brass—light, durable and economical. Price, 60c. (Add Extra for Parcel Post; weight, 1 lb.).

"Hole-Proof" Hose Hangers.



"Hole proof Hose Hangers" drain, dry and protect your hose when in use; preserve it when stored; insure it against holes, cracks and checks; double its life and usefulness. Compact, Convenient, Inexpensive. Will not wear out; will double pay for itself in one year by adding to the life of your hose.

Large size, carries 100 ft. hose, 75c. (Add extra for Parcel Post; 5 lb.) Small size, carries 50 ft. hose 60c. (Add extra for Parcel Post; weight, 4 lb.)



BRASS HOSE NOZZLE.  
With stop cock, spray rose and stream.  
Prices, for  $\frac{3}{4}$  in. hose, \$1.00; for 1 in., \$1.25; (Add extra for Parcel Post weight, 1 lb.)

Wide Face Hose Sprinkler.



The holes are small and numerous, so that a copious yet gentle shower is given without washing or packing the soil.

Price, for  $\frac{3}{4}$ -in. hose, 3-in. face, 85c.; 1-in. face, \$1.00. (Add extra for P. P., weight 1 lb.)

THE "GRADUATING" SPRAY NOZZLE.



Will throw a coarse or a fine spray or a solid stream. Price,  $\frac{3}{4}$  in., 50c.; 1 in., 70c.; (Add extra for Parcel Post; weight, 1 lb.)

GEM NOZZLE HOLDER.



25c. each.

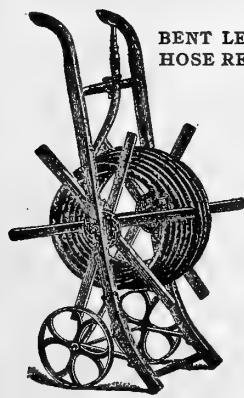
For watering lawns, flower beds, etc. The hose is held firmly and can be adjusted to any elevation. (Add extra for Parcel Post, weight 1 lb.)

The Kinney Liquid Manure Pump.

For applying liquid manure to feed grass and garden plants, this pump has no equal. Being made entirely of brass and nickel plated, these pumps are not corroded by chemicals and they do not wear out. Remember that the water pressure does the pumping and that the flow of liquid fertilizer through the hose, diluted about one-half, is even and continuous as long as liquid is reasonably clear and there is water pressure behind it. It will apply from 5 to 15 gallons of liquid fertilizer a minute. There is no waste. You screw the pump to the faucet, put the end of the suction hose into a barrel or tank of clear liquid manure, attach the three-fourths inch discharge hose, open the faucet, and go to the end of the hose. The liquid manure follows, and will keep coming as long as you want it, or until the supply is exhausted. Price, \$1.75. (Add extra for Parcel Post; weight, 1 lb.)



BENT LEG HOSE REEL.



The best wooden reel made—not easily tipped over. The ratchet prevents unwinding unless it is desired to throw back the clutch.

No. A, for 100 feet of  $\frac{3}{4}$ -in. Hose.....\$2.25  
No. B, for 200 feet of  $\frac{3}{4}$ -in. Hose.....\$2.50

Henderson's "BEST PARA" RUBBER HOSE.

This is the highest grade of garden hose, being made entirely from New Para Rubber, and will outlast cheap hose three times over. We guarantee it to stand a 300-pound water pressure, and it will be as resilient in three or four years' time as when new, while cheap hose of that age will be hard and rotten. Every length of Henderson's "Best Para" Hose is fitted with the new watertight couplings, without extra charge. (Hose is furnished only in 25-feet and 50-feet lengths; the sizes  $\frac{3}{4}$  and 1 inch refer to the internal diameter of the bore.)

$\frac{3}{4}$ -inch bore Para, per 25-foot length, \$4.50; per 50-foot length, \$8.50.

1-inch bore Para, per 25-foot length, \$6.50; per 50-foot length, \$12.00.



BEST HOSE.

"STANDARD QUALITY" RUBBER HOSE.

This is a grade that is often sold as the "best." It is a good hose and will stand a 100-pound pressure. Each length is fitted with the regular couplings, without extra charge. For  $\frac{3}{4}$ -in. Spray Pump Hose and Tubing see foot of p. 190.

$\frac{3}{4}$ -inch Standard, per 25-foot length, \$3.25; per 50-foot length, \$6.00.

1-inch Standard, per 25-foot length, \$4.50; per 50-foot length, \$8.50.

LIGHTING HOSE COUPLER.



Instantly attached or disconnected; no twisting of the hose, no bruising fingers, watertight. (State if wanted to replace old couplings or to be attached to them). Price, per set two pieces,  $\frac{3}{4}$  inch, 35c. (Add extra for Parcel Post; weight, 7 lb. per doz.)

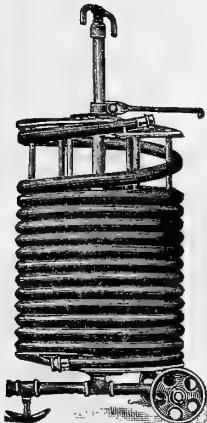
CALDWELL'S HOSE STRAP.



The best device for attaching hose coupling. Hose straps for  $\frac{3}{4}$  inch hose, 15c. doz.;  $\frac{1}{2}$  inch hose, 15c.; 1 inch hose, 20c. doz.; (Add extra for Parcel Post; weight,  $\frac{1}{2}$  lb. per doz. straps, 1 lb. per pliers.)

PLIERS  
20c.

HOSE DRAINING REEL AND LAWN SPRINKLER.



The life of hose is considerably lengthened when regularly and thoroughly drained. On this new reel hose may be wound in gradually ascending coils so that it naturally self-drains when placed in the vertical position shown in the illustration, though when reeling and unreeling the hose the truck is placed in a horizontal position. This reel is also equipped with a splendid lawn sprinkler head, rendering it doubly useful.

Price,

No. 1 for 50 ft.  $\frac{3}{4}$  in. hose.....\$4.50  
No. 2 for 100 ft.  $\frac{3}{4}$  in. hose.....\$5.00

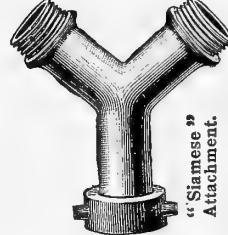


Hose Reducer.  
For connecting hose of 1 in. bore with  $\frac{3}{4}$ -in. (mailed free), 35c.



HUDSON'S HOSE MENDER.

Practical, simple, perfect. Box of 6 tubes 20 bands and pliers, 75c. (Add extra for Parcel Post, weight 1 lb.) (Give size of hose.)  
Tubes,  $\frac{3}{4}$ -in., 3c.; 1 in., 4c. each.  
Bands, 20c. per doz.  
Pliers, 30c. (Add extra for Parcel Post, weight 2 lb.)



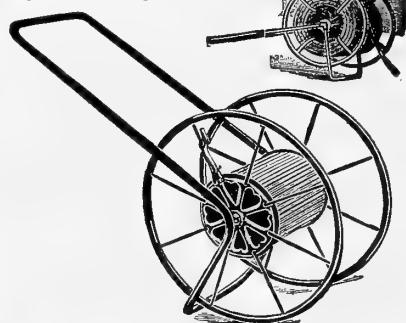
For connecting 2-leads of hose. Price,  $\frac{3}{4}$ -in. 60c.; 1 in., 75c. (Add extra for Parcel Post, weight 1 lb. each.)



Brass; will not rust or wear. No fastening required; barbs hold hose firm. Price,  $\frac{3}{4}$  in. bore, 7c. each 75c. doz.; 1 in., 8c. each, 85c. doz. (Add extra for Parcel Post; weight, 1 lb. per doz.)

ALL IRON HOSE REEL.

Note position for reeling and unreeling hose.



The All Iron Hose Reels are constructed entirely of iron, and are indestructible; light in weight, frictionless, and the wheels being high make it easily manipulated; these reels cannot tip over when unreeling and there is no weight of hose to carry on the handle.

No. 10, 21-in. wheels, holds 100 ft.  $\frac{3}{4}$  in. hose \$3.25  
No. 20, 24 " " " 150 " 3.50  
No. 30, 30 " " " 500 " 5.00

## CEDAR TREE TUBS.

Heavy iron hoops. Drop handles, serving as hooks for carrying poles. Iron legs. Removable perforated bottoms. Painted green outside and grey inside.



5 ft. long x 5/8 in. dia.

No.	Diam. of Stave	Length	Price
0.	27 in.	24 in.	\$6.50
1.	25 "	22 "	5.50
2.	23 "	20 "	5.00
3.	21 "	18 "	4.50
4.	18 "	16 "	4.00
5.	16 "	14 "	3.25
6.	14 "	12 "	2.75
7.	13 "	11 "	2.50
8.	12 "	10 "	2.25

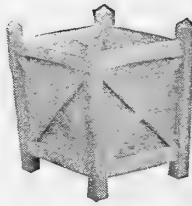
## “COLUMBIA” FLOWER TUBS.



Durable cypress staves held by strong steel wire hoops, that can be tightened by draw screws connected with the handles. Natural wood finish.

No.	Diam. in.	Height in.	Price Ea.
A.	12 in.	11 in.	\$1.25
B.	15 "	14 "	1.75
C.	18 "	16 "	2.25
D.	21 "	18 "	2.75
E.	24 "	20 "	3.25

## Mission Plant Tubs.



Made of best cypress, mission style (as illustrated) and painted green.

10 inches square	Each, \$3.00
12 "	3.50
14 "	4.50
16 "	5.50
18 "	6.50
20 "	7.50

Larger sizes to order. Prices on application.

5 ft. long x 5/8 in. dia.

4 ft. x 9/16 in.

3 ft. x 1/2 in.

2 ft. x 3/8 in.

## WOODEN PLANT STAKES

## STAKES, ROUND GREEN TAPERING.

Each	Per doz.	Per 100
2 feet.....	4c. 40c.	\$2.25
3 "	6c. 65c.	4.50
4 "	9c. 90c.	6.50
5 "	12c. \$1.25	9.00

## STAKES, SQUARE GREEN TAPERING.

Each	Per doz.	Per 100
2 feet.....	3c. 30c.	\$2.00
3 "	5c. 55c.	4.00
4 "	7c. 75c.	5.50
5 "	10c. 90c.	7.00
6 "	12c. \$1.25	8.50

## DAHLIA STAKES OR POLES. ROUND, FANCY TURNED TOPS.

Each	Per doz.	Per 100
2 feet.....	7c. 55c.	\$4.00
3 "	9c. 85c.	6.00
4 "	12c. \$1.25	9.50
5 "	15c. 1.50	11.00
6 "	18c. 1.75	12.50

## STEEL

## PLANT STAKES.

Made of stiff steel wire, double galvanized and practically indestructible. Tops looped for safety; bottoms A shaped for stiffer support. They are suitable for roses and similar plants.

## PRICES.

Length of Stake.	Per doz.	Per 100	Per 1000
1 1/2 ft. long.....	20c.	\$1.50	\$12.00
2 "	25c.	1.75	16.00
2 1/2 "	30c.	1.85	17.00
3 "	35c.	2.00	18.00
4 "	40c.	2.25	20.00
5 "	45c.	2.50	23.00

## EXTENSION PLANT SUPPORT.



2 ring Model

## EXTENSION PLANT SUPPORT.

Especially adapted for Carnations and similar plants; the upper ring may be moved up or down as the size of the plants require. They are made of steel wire, well galvanized to prevent rusting. They are used by the leading growers, who praise them highly.

Prices.	Per doz.	Per 100	Per 1000
2 ring support...	60c.	\$4.50	\$40.00
3 " "	75c.	5.00	45.00



GRITCO LEAF RACK

## Rubbish Burner

A very convenient basket like arrangement durably made of expanded iron, 3/4 inch mesh—in which may be collected leaves, rubbish, paper, etc., the lid is then shut and the litter burned in the open air with no danger of burning particles being blown around.

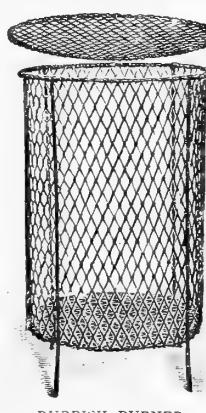
Prices.—No. 1.—14 in. diameter, 16 in. high, inside measurements, \$2.50.

No. 2.—15 in. diameter, 20 in. high, inside measurements, \$2.75.

No. 3.—16 in. diameter, 24 in. high inside measurements, \$3.00.

## WHEELBARROW LEAF RACK.

A handy device for collecting leaves and litter. It fits on any wheelbarrow with removable sides. It is made of galvanized wire bolted to a wooden base; capacity about 10 bushels. Price, (rake only) \$4.50.



RUBBISH BURNER.



## WIRE VINE TRAINERS.

Steel wire, with round iron frame and border. Green and bronze finish. Made any length required.

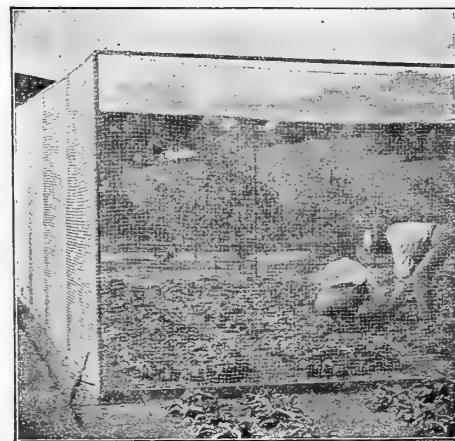
## Price Per Running Foot.

6 in. wide.....	26c.	24 in. wide.....	55c.
12 "	35c.	30 "	65c.
18 "	45c.	36 "	75c.

## BIRD NETTING.

## To Protect Fruits, Vegetables, Etc.

What is more exasperating than to anticipate a liberal picking of some fruit to find when you reach the garden that your bird neighbors have been there before you and consumed or destroyed the ripest and choicest berries, grapes or cherries of which some birds are voraciously fond. Lettuce and peas are often ravaged by birds, even flowers are not immune from their attacks and they revel among some plants ripening seeds. All this may be obviated by shutting the birds out with bird netting. This is good quality cotton netting of 1 inch mesh and comes in 20 foot and 30 foot widths and of any reasonable length. Price, 75c. per 100 square feet.



# IMPLEMENTs for APPLYING



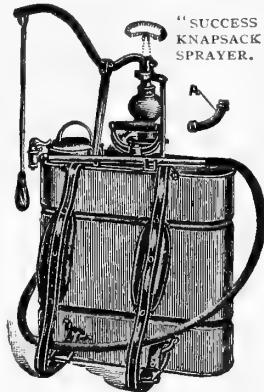
AUTO-SPRAYER

## AUTO COMPRESSED AIR SPRAYER

One of the best spraying contrivances on the market and the standard of all compressed air sprayers. Can be used in every variety of spraying. Suitable for all garden work, five acres of field crops, a limited number of trees any size, also will handle whitewash and disinfectants in the Poultry house. Capacity about 4 gallons. Easily carried either by handle or shoulder strap. The pump is of heavy brass, large diameter. Two or three pumpings will empty the tank under high pressure. There are no screw connections in the construction of this machine and there are no parts likely to require renewing except in the ordinary course of long service. Made with tank of either brass or galvanized iron, furnished with Auto-pop Nozzle No. 1.

### NET PRICES.

Auto-spray No. 1B, Brass tank with Auto-pop Nozzle No. 1	\$7.25
Auto-spray No. 1D, Galvanized tank with Auto-pop Nozzle No. 1	5.00
Two row attachment for spraying 2 rows at one passing	1.35
2 ft. Brass Extension	.45
Brass Elbow for spraying under vines	.30
Torch	.90
Brass Strainer for straining solution	.90

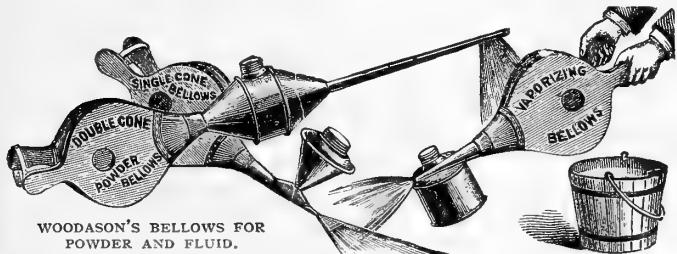


"SUCCESS" KNAPSACK SPRAYER.

A Knapsack Sprayer and Bucket Sprayer Combined.

## "SUCCESS" KNAPSACK SPRAYER.

For applying fungicides and insecticides in a mist-like spray, for the treatment of mildew, black rot on grapes, as well as for potato blight, etc. With it a man can spray five to six acres of vines in a day. The machines are made entirely of brass, and the chemicals will not corrode or rust them. The air chamber keeps up a steady pressure, so a continuous discharge is given. This sprayer may be used either as a knapsack or bucket sprayer. They are provided with a mechanical agitator. Any leakage around the plunger is returned into the tank, and does not run down the operator's back. The attachment shown at A is for underspraying. Price, complete, as shown in cut, \$13.00.



WOODASON'S BELLOWS FOR POWDER AND FLUID.

## Woodason's Double Cone Powder Bellows.

For Dusting Plants with Dry Powders for Insects and Fungus.

This double cone bellows can be held in any direction without wasting powder, as it regulates its own supply, and it does not clog up, dusting under the leaves as well as on top. The best article ever invented for destroying insects in the conservatory, garden orchard, or field. (See cut.) Price, \$3.00. (Add extra for Parcel Post, weight 5 lb.)

## Woodason's Single Cone Powder Bellows.

Price, large size \$2.00; small size (for conservatory and house use), \$1.25. (Add extra for Parcel Post, weight 3 lb.)

## Woodason's Fluid Vaporizing Bellows.

For Spraying Plants with Fluid Decoctions for Insects and Fungus.

This throws a spray as fine as mist, rendering the use of strong solutions perfectly safe on tender foliated plants; it forces the fluids into every crevice, without using half the quantity required by syringe or sprinkler. (See cut.) Price, large size, \$2.00. Small size (for house use), \$1.50.

## The Asbestos Torch.

Attach the torch to the end of a pole of suitable length saturate with kerosene oil, light and hold under the caterpillars nests and pass quickly along the branches and around the trunk of the tree where the insects lodge. The heat instantly destroys the insects and will in no way injure the tree. Price, 25c. each. (Add extra for Parcel Post, weight 1 lb.)

## Norton's Plant Duster.

For dusting potatoes, vines, etc. An air-chamber prevents clogging. The dust guard prevents the powder from escaping beyond the plant being treated. Price, 85c. each.



## Henderson's Vaporizing Sprayer

Sprays fluids in the form of mist. Made entirely of sheet brass and will not corrode nor rust. Just what is needed for applying liquid insecticides and fungicides. The tapering point to the air-chamber gives great force to the spray. Holds one quart. (See cut.) Price, \$1.00. (Add extra for Parcel Post, weight 3 lb.)



## Compressed Air Atomizer.

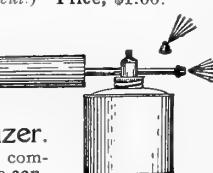
The most perfect small hand compressed air sprayer made. Delivers a continuous fog-like spray. Is fitted with straight and adjustable nozzles making a perfect under leaf sprayer. In fact, spray can be delivered at any angle or position desired. Made in solid brass highly polished; holds 1 quart. Price, \$2.00. (Add extra for Parcel Post, weight 2 lb.)

## Champion Dry Powder Gun.

For applying any dry powder, such as Paris green, hellebore, insect powder, plaster, etc., on plants or trees, the powder being evenly distributed over a wide space and with the least possible waste, the work being more rapidly done than by any other known implement. It is 27 inches long, with extra tubes for dusting trees, and holds one quart of powder. By turning the crank a fan is rapidly revolved, which forces a current of air through the tubes, that carries with it a small portion of powder. The quantity may be increased or diminished, as desired. (See cut.) Price, complete, \$8.00.

## Little Giant Powder Gun.

Is made on the same general principles as the "Champion" described above, to fill the want for a lower-priced machine, and is not supplied with so many nozzles, but for single row dusting and orchards it is all right. Price, \$6.00.



LEGGETT'S  
CHAMPION  
DRY  
POWDER  
GUN



LEAF RACK

HAND-CART BOX

SPRINKLER

"GEM" FORCE PUMP

## Henderson's WATER BARREL TRUCKS AND ACCESSORIES.

The Barrel is raised from the ground, carried to the place desired, and can be readily disconnected from or attached to the truck while barrel is either full or empty. We supply as extra attachments the following. A Box with trunnions and spring catch, making a very superior dumping Hand-cart. A Sprinkler, invaluable for watering lawns and sprinkling walks (water is turned on and off by hand wheel and ball valve); A Leaf Rack, very useful for removing leaves and litter; A "Gem" Force Pump for spraying, etc.



### Prices of Water Barrel Trucks, Etc.

Truck and barrel 1½ in. tire.....	\$11.00
" " " 2½ " .....	12.00
" " " 3½ " .....	13.00
Extra barrel, with trunnions on.....	3.00
Extra trunnions, per pair.....	0.50
Hand-cart Box Extra.....	3.00
Leaf Rack ".....	5.00
Sprinkler attachment.....	3.25

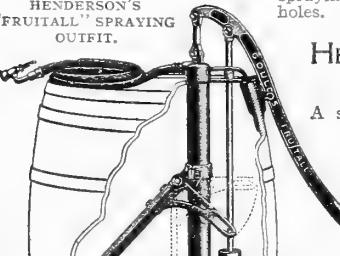
(If truck and trunnions without barrel are wanted, deduct \$2.50 from prices of trucks with barrel.)

"ACME" SPRAYING OUTFIT.



### "ACME" SPRAYING OUTFIT.

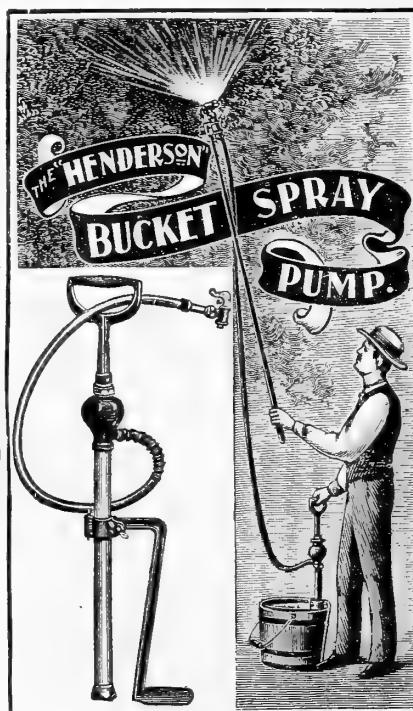
A convenient outfit for spraying garden crops, flowers, shrubs, vineyards, etc. The tank holds about 25 gallons, is firmly fastened to a cart narrow enough for most garden paths. The force-pump has brass cylinder, to prevent corrosion when fungicides are used. (See cut.) Price, complete, cart, pump, 4 ft. discharge hose and combination spray and stream nozzle, \$13.00. Iron extension pipe, 8 feet (for tree spraying) fitted to attach to nozzle and holes. \$1.50 extra.

HENDERSON'S  
"FRUITALL" SPRAYING OUTFIT.

### HENDERSON'S "FRUITALL" SPRAYING OUTFIT.

A simple, high-grade, up-to-date pump embodying several important improvements. All working parts of brass. It can be mounted on or removed from barrel by two thumbscrews. Air-chamber of unusually large capacity. A long, adjustable handle. It is low down and within the barrel offering no obstruction to limbs, and is not top-heavy. The pump is large, but easily operated by a single person. The agitator is mechanical in action. A most efficient and satisfactory spray pump. (See cut.)

"HENDERSON" Outfit "A." Pump with one load 10 feet, 1-inch discharge hose with "Vermoral" Spray Nozzle and Agitator, \$10.00; with barrel, \$13.00.



### GEM SPRAYING OUTFIT.

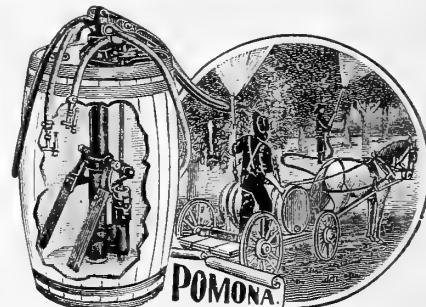
Clamps to the barrel; fills the want for a low-priced pump for spraying a few trees, bushes, vines, etc., and for watering flower-beds, washing windows, carriages, etc. Prices (without barrel or truck):

Gem Outfit "A." Pump fitted with two feet of suction pipe and brass strainer, 3½ feet, ½-inch hose and nozzle, \$6.00.

Gem Outfit "B." same as "A" excepting hose is 12½ ft. long, fitted with connection for pole to spray, \$7.00.

The "Henderson" Hand Bucket Pump.

This is the best and most durable portable hand pump in the market. Working parts are made of solid brass with large air-chamber, and is double acting throwing an absolutely continuous stream, either solid or in a fine spray as desired. Very light and easily carried, and works from any bucket or tub. Just the thing for throwing liquid insecticides and fungicides on low trees, shrubs, plants, etc., and by altering the nozzle it can be used for washing carriages, windows, etc. (See cut). Price, with 4 feet of hose and combination spray and stream nozzle, \$4.00; or with extra 7 feet section of hose and pole connection for tree spraying, \$5.00.



### "POMONA" SPRAY PUMP.

We offer this as the best Orchard Spray Pump for mounting on barrel. It is of large capacity and powerful, with long adjustable leverage, so that it is easily operated by one person, when necessary, but is especially built for spraying from two leads of hose. The unusually large steel air chamber gives sufficient pressure for a continuous and regular spray. All working parts are of brass, including plunger and valves, which are easily accessible; it has a paddle agitator. It is adjustable for barrels of different sizes, and as the bulk of the Pump goes within the barrel, it is not top-heavy, and does not catch low branches. We furnish the Pomona for either end or side of barrel, but send for end if not otherwise ordered.

#### PRICES.

Pomona Pump (with Agitator), \$15.00; or fitted to barrel, \$18.00.

Pomona Outfit "A." Pump, agitator, 1 lead, discharge hose (15 feet) and spray nozzle, \$18.00; or fitted to barrel, \$21.00.

Pomona Outfit "B." Pump, agitator, 2 leads discharge hose (15 feet each) and 2 spray nozzles, \$20.00; or fitted to barrel, \$23.00.

Brass shut-off for 1 lead, \$1.00 extra; for 2 leads, \$1.35 extra.

Buyer has choice of nozzles, but we send "Vermoral," unless otherwise ordered.

#### EXTRAS FOR TALL TREE SPRAYING.

The following are adaptable for any of our Spray Pumps. Iron Pipe Extension Rod. 8 feet long with stop cock. Galvanized, \$1.50. For hose add 25c. for attachment No. 2.

Spray Hose, ½ inch, 10c. per foot. Couplings, extra, 25c. per set.

## REMEDIES

**APHINE.** Aphine while a powerful insecticide in a readily soluble form which can be easily diluted with water and applied as a spray, wash or dipping solution. It kills all insects. Green and black fly, thrips, red spider, slugs, ants, mealy bug, scale, etc. Price, 1 gal., 25c.;  $\frac{1}{2}$  pint, 40c.; pint, 65c.; quart, \$1.00; gallon, \$2.50.

**ARSENATE OF LEAD.** (Paste form.) A poison rapidly taking the place of Paris green. Its great advantages are that it adheres well to the foliage and does not readily wash off by rain and does not injure tender foliage. It also remains well suspended in solution so that an even distribution can be obtained. It is white in color and shows just where it has been applied. Price, 1 lb. tin, 20c.; 5 lb. tin, 90c.;  $\frac{1}{2}$  lb. pail, \$2.00; 25 lb. bucket, \$7.75; 50 lb. bucket, \$7.00; 100 lb. keg, \$12.00; 300 lb. bbl., \$30.00.

**BEECHCREOT.** A wood preserving tree paint. It kills fungus and is shunned by borers and other insects. It prevents decay in the portions of trees injured by storm torn limbs and applied after pruning it prevents bleeding. One gallon applied with a brush covers about 300 square feet. Price, 40c. per quart, \$1.25 per gal.

**BORDEAUX MIXTURE.** (Paste form. Standard Formula, 1 gallon makes 50 gallons of spray.) Ready for use by simply adding water. An indispensable Fungicide, curing and preventing black rot, mildew, blight, rust, scab and all fungoid diseases on fruits and plants. Price, 1 pint, 25c.; 1 quart, 35c.; 1 gallon, 85c.; 5 gallons, \$4.00.

**BOROWAX.** A complete protection against tree borers if applied in accordance with instructions, armorplates the tree at the point where the moth deposits its eggs and thus renders it immune to further infestation for several years. Quantity required:  $\frac{1}{2}$  pint to a pint to a tree according to size. Price, quart, 35c.; half gallon, 60c.; gallon can (boxed), \$1.00; six gallons (boxed), \$5.00; half barrel, \$20.00; barrel, \$35.00.

**BUG DEATH.** Is a non-poisonous, insect-killing powder, that is in high favor, for cabbage and tomato worms, potato and cucumber bugs, etc. It is applied with a duster bellows or powder-gun, at the rate of about 12 lbs. per acre. Price 1 lb. 15c. (Add extra for Parcel Post; weight, 1 $\frac{1}{2}$  lb.); 3 lb., 35c.; (Add extra for Parcel Post; weight, 3 $\frac{1}{2}$  lb.); 5 lb., 50c.; (Add extra for Parcel Post; weight, 5 $\frac{1}{2}$  lb.); 12 $\frac{1}{2}$  lb., \$1.00; 100 lb. \$7.50. (Exp. or Freight only.)

**BUG DEATH SHAKER** for applying above, 25c.

**CLUBICIDE.** An insecticide, germicide and disinfecting fluid particularly valuable in addition to its other uses—as a soil sterilizer. It destroys all soil insects, ants, worms, slugs, maggots and fungous diseases and in consequence plants attain maximum root development and produce larger and better crops. It is a certain preventative of club roots, maggots and root lice that infest carrots, onions, cabbage, asters, etc. Apply to the ground thoroughly once a week in proportion of 1 gallon of Clubicide to 1000 gallons of water gradually increasing the strength to one gallon of Clubicide to 500 gallons of water as the plants approach maturity. Price, 1 qt. 60c.; gal., \$2.00; 5 gal., \$8.00.

**COPPER SOLUTION, AMMONIATED.** A Fungicide the same as Bordeaux Mixture, the essential ingredient, "Carbonate of Copper," being dissolved in ammonia in this, while in Bordeaux it is counteracted by lime. For late sprayings, when fruits are nearing maturity, or plants in bloom. Copper Solution is usually used, as there is no limy sediment left to be washed off by rain or hand before marketing. One quart is sufficient for 25 gallons of spray. Price, 1 quart, 50c.; 1 gallon, \$1.50.

**CUT WORM FOOD.** A sweetened poisoned compound alluring and palatable to cut worms, cabbage worms, etc., in consequence when sprinkled around such newly set plants as are usually "cut off" by these depredators, they feast on cut worm food and are destroyed. One pound is sufficient for about 100 plants. Price, 1 lb., 25c. (Add extra for Parcel Post; weight, 1 $\frac{1}{2}$  lb.); 5 lb., \$1.00 (Add extra for Parcel Post; weight, 5 $\frac{1}{2}$  lb.); 10 lb., \$1.50 (Add extra for Parcel Post; weight, 10 $\frac{1}{2}$  lb.); 25 lb., \$3.50; 50 lb., \$5.00; 100 lb. \$9.00 (Exp. or Freight only.)

**FIR TREE OIL SOAP.** A popular Insecticide; it frees plants of nearly all insects to which they are subject, and for the following it has no superior; Mealy bug, scale, red spider, aphis, thrip, blight, worms and slugs. An ounce makes 1 gallon. Price, 1 lb. tin, 25c. (Add extra for Parcel Post; weight, 1 $\frac{1}{2}$  lb.); 2 lb., 75c. (Add extra for Parcel Post; weight, 2 $\frac{1}{2}$  lb.)

FISH OIL  
SOAP.  
(Whale Oil  
Soap.)

Makes an excellent wash for trees and plants where insects and eggs affect the bark, and for smearing on the trunks of trees to prevent worms from crawling up. Price, 1 lb., 15c. (Add extra for Parcel Post; weight, 1 $\frac{1}{2}$  lb.); 2 lb., 30c. (Add extra for Parcel Post; weight, 2 $\frac{1}{2}$  lb.); 5 lb., 60c. (Add extra for Parcel Post; weight, 5 $\frac{1}{2}$  lb.); 25 lb. and over at 10c. lb. (Exp. or Freight only.)

**FORMALDEHYDE.** It is of pronounced efficiency in destroying disease germs affecting both animal and plant life, and is successfully employed as a preventive of such fungoid diseases as potato scab, onion and grain smuts, musty corn and other affected seeds, damping off of seedlings, club root of roses, etc., for the restraining of decay in vegetables, fruits, etc., and as an antiseptic wash and spray for bark diseases, canker and wounds in trees, and as a disinfectant for stables, kennels, poultry houses, etc. The dilution for most purposes is 1 lb. (1 pint) Formaldehyde to 15 or 20 gallons of water and 1 to 2 gallons of this dilution is required for treatment of every bushel of seed. Price of Formaldehyde (40 volume %) 1 lb. bottle, 40c.; 5 lb. bottle, at 35c. lb.; 10 lb. bottle, at 30c. lb.; 50 lb. demijohn, at 25c. lb. 132 lb. carboy, at 23c. lb.

**FUNGINE.** An effective sulphurated remedy for mildew, rust and other blights. A spraying material which does not stain the foliage. Prices, half pint, 30c.; pint, 50c.; quart, 75c.; gallon, \$2.00.

**HELLEBORE, Powdered White.** For the destruction of slugs, worms, caterpillars, etc. Less poisonous than Paris Green and London Purple, and safer to use when fruits or vegetables are nearly ripe. Can be used as a powder or dissolved, 1 oz. in 3 gallons of water. Price, 1 lb., 25c. (Add extra for Parcel Post; weight, 1 $\frac{1}{2}$  lb.); 5 lb., \$1.10, (Add extra for Parcel Post; weight, 5 $\frac{1}{2}$  lb.); 10 lb. \$2.00 (Add extra for Parcel Post; weight, 10 $\frac{1}{2}$  lb.)

**IMPORTED SCOTCH SOFT COAL SOOT.** This prevents insect ravages and also acts as a stimulating fertilizer. Used in onion drills, radish beds, cabbage grounds, etc., it checks the attacks of grubs, cut-worms, etc. When scattered lightly, as a top-dressing around plants, it drives away insects that hide in the ground by day and lay their eggs near the roots. Supplied in 100 lb. bags only, price, \$4.00.

**KEROSENE EMULSION.** Prepared according to the most improved formula; ready for use by simply adding water (25 to 50 parts water to one Emulsion.) For cabbage worm, scale on trees, caterpillars, melon louse, rose bugs, green fly and lice of all kinds, all sucking insects, either on plants or animals. Price, 1 pint, 20c.; 1 quart, 30c.; 1 gallon, 85c.; 5 gallons, \$3.50.

**LEMON OIL.** An efficient insecticide for destroying all insects and soft scales. It is applied as a spray or wash and has an agreeable odor.  $\frac{1}{2}$  pint, 25c.; 1 pint, 40c.; quart, 75c.;  $\frac{1}{2}$  gal., \$1.25; 1 gal., \$2.00.

**LIME SULPHUR SOLUTION.** A liquid compound now extensively used for all scale insects on trees and shrubs and it is also of benefit for fungous diseases of the bark, etc., as can be treated in winter. It must be diluted and applied with a spray pump while the trees are dormant, after the leaves have fallen and before the buds swell in spring. It can be used quite strong—say 1 gallon to 11 gallons of water—during December, January and February, but earlier or later than these months it will be safer to dilute it 1 gallon to 30 to 40 of water. Price, quart can, 30c.; gallon, 85c.; 5 gallons, \$4.00; barrel of 50 gallons at 65c. gallon.

**NICOTINE.** An extract of tobacco, containing about 40 per cent. nicotine. A most effectual economical and safe remedy for fumigating greenhouses. Use a scant tablespoonful to  $\frac{1}{2}$  pints of water for each pan, which is sufficient when vaporized, by placing a hot iron, in it for 600 square feet of floor space. Price, pint bottle, \$1.50.

## Note—About Forwarding Insecticides, Fungicides and Fertilizers.

Purchasers pay express or freight charges on Insecticides, Fungicides and Fertilizers, although some may be forwarded by U. S. Parcel Post in net quantities of 10 lbs. or less within the U. S. or possessions if extra for postage is allowed. All mailable are indicated by "Add Extra for Parcel Post," and the packed weight is given so postage may be calculated by the "Zone Rate" on page 32. Poisons and fluids (those by the qt. etc.) are not mailable.

## INSECTS &amp; FUNGUS

**NICOTIDE.** An extract of tobacco used in fumigation. The required quantity is placed in a tin dish and evaporated by a spirit lamp, placed underneath. An effectual remedy for insects in the greenhouse window garden or frames. Price, 4 oz. can, 70c.;  $\frac{1}{2}$  pint, \$1.25; pint, \$2.50; gallon, \$18.00.

**PARSIS GREEN.** A poisonous, insoluble powder indispensable on the farm or garden for preventing the ravages of potato bugs, codling moth, worms, caterpillars, slugs and bugs. Applied as a powder it should be mixed with plaster or flour, 100 parts to 1 part of Paris Green, in solution mix 1 lb. in 200 to 300 gallons water. Price,  $\frac{1}{2}$  lb. package, 20c.; 1 lb. package, 35c.; 5 lb. package, \$1.75; 28 lb. bucket, \$8.00; 100 lb. keg, \$28.00.

**INSECT POWDER.** (Persian or Buhach Powder.) Henderson's Superior Grade. (Cheap adulterated grades are worthless.) A most effective, non-poisonous, impalpable powder, so fine that it penetrates the innermost crevices. For worms, flies, aphids and almost all kinds of insects it is very effectual, suffocating them by filling up the breathing pores. Price, 1 lb., 50c. (Add extra for Parcel Post; weight, 1 $\frac{1}{2}$  lb.); 5 lb., \$2.25. (Add extra for Parcel Post; weight, 5 $\frac{1}{2}$  lb.)

**SCALECIDE.** The latest and best spray for San Jose scale, cottony maple scale and Pear Psylla. It is not poisonous, being simply a mechanical preparation of petroleum oil that instantly mixes with cold water and is immediately ready to apply 1 gallon of "Scalecide" to 20 gallons of water sprayed on your trees and bushes will kill every scale that it reaches without injury to tree or fruit if applied in late fall, winter or early spring while the foliage is off. Safe and easy to apply. Price, 1 gallon can, \$1.00; 5 gallon can, \$3.25; 10 gallon can, \$6.00; 50 gallon barrel, \$25.00.

**SLUG SHOT.** A non-poisonous powder and a very popular insecticide, it requires no further mixing or preparation, easily applied and not injurious or dangerous to animals, the person applying it, or fruits and vegetables treated. Very effectual in destroying potato bugs, and beetles, green and black fly, slugs, worms, caterpillars, etc. Price, in tin canister with perforated top for applying, 1 can, 25c. (Add extra for Parcel Post; weight, 1 $\frac{1}{2}$  lb.); 5 lb. pkg., 35c. (Add extra for Parcel Post; weight, 5 $\frac{1}{2}$  lb.); 10 lb. pkg., 60c. (Add extra for Parcel Post; weight, 10 $\frac{1}{2}$  lb.); Keg of 125 lb. net \$7.00; bbl of 250 lb. net, \$13.00.

**SULPHUR, FLOWERS OF.** Price 1 lb., 10c. (Add extra for Parcel Post; weight, 1 $\frac{1}{2}$  lb.); 10 lb. 60c. (Add extra for Parcel Post; weight, 10 $\frac{1}{2}$  lb.); 25 lb. and over at 5c. lb. (Exp. or Freight only.)

**TOBACCO DUST, Fine.** For green and black aphids, fleas, beetles, etc. Splendid fertilizer and preventive for insects in the ground and around roots. Price, 1 lb., 10c. (Add extra for Parcel Post; weight, 1 $\frac{1}{2}$  lb.); 5 lb., 30c. (Add extra for Parcel Post; weight, 5 $\frac{1}{2}$  lb.); 10 lb., 50c. (Add extra for Parcel Post; weight, 10 $\frac{1}{2}$  lb.); 25 lb. bag, 75c.; 50 lb. bag, \$1.25; 100 lb. bag, \$2.00 (Exp. Freight or only.)

**TOBACCO POWDER, FUMIGATING.** Extra strong Havanna Tobacco Dust for fumigating. Price, 25 lb. bag, \$1.25; 50 lb. bag, \$2.00; 100 lb. bag, \$3.50; ton of 2000 lbs., \$60.00.

**TOBACCO STEMS.** For fumigating greenhouses and conservatories for the destruction of green and black aphids and other insects. Price, 100 lb. bale, \$1.50; per ton of 2000 lbs., \$20.00.

**X. L. ALL VAPORIZING COMPOUND.** An English preparation for fumigating greenhouses. Bottle containing sufficient to fumigate 10,000 cubic feet, \$2.25 for 20,000 cubic feet, \$4.00.

**X. L. ALL LIQUID INSECTICIDE FOR SPRAYING.** A nicotine preparation for the destruction of mealy bug, red spider and other insect pests. Pint. 65c.; quart, \$1.00;  $\frac{1}{2}$  gal., \$1.75; gal., \$3.50.



## ODORLESS—QUICK-ACTING

For New and Old Lawns, Tennis Courts, Putting Greens, Etc.

QUICKLY INDUCES A LUXURIANT RICH GREEN GROWTH.

The constant mowing of grass, and removal of clippings also removes a proportion of digested plant food. Therefore if the luxuriance of a lawn is to be maintained, it must be top dressed, at least once a year, with suitable fertilizer. The Henderson Lawn Enricher is a clean and odorless lawn dressing which never fails in inducing a rapid and rich green growth. It should be sown broadcast in the spring or fall, and a remarkable improvement will soon be observed. If applied during the summer broadcast very evenly and during wet weather, or else it should be thoroughly hoed in for if it lies long on the surface it might temporarily brown the lush grass. The use of "Henderson Lawn Enricher" entirely does away with the old practice of top-dressing lawns with stable manure.

"I am very much pleased with the results of your lawn Enricher. It has proven very beneficial indeed on our Putting Greens here."

A. J. KNAPP care of J. D. ROCKEFELLER, Forest Hill, Cleveland, Ohio.



## QUANTITY REQUIRED

For forming a new lawn a 10-pound package is sufficient to go over an area of 300 square feet, or 1000 to 1500 pounds per acre, or a smaller quantity for renovating an old lawn. Apply broadcast with machine or by hand as evenly as possible and preferably just before rain. If applied during the summer it should be done during wet weather or else be thoroughly hoed in for if it lies long on the surface it might temporarily brown the lush grass.

## "BON ARBOR" DRY FERTILIZER.

A popular high grade complete fertilizer that is thoroughly soluble in cold water and therefore all of its plant feeding properties are immediately available from the moment of application. It is especially valuable for greenhouse and garden plants, particularly where the plants, flowers or vegetables are grown for exhibition. Applications made 10 to 20 days apart will produce splendid results. Use one teaspoonful to 7½ pints, or one ounce to 15 pints, or one pound to 30 gallons of water. **Guaranteed Analysis:** Nitrogen, 15 to 17%. Soluble Phosphoric Acid, 4 to 6%. Potash, 4 to 5%. Price, ½ lb. pkg., 25c. (Add extra for Parcel Post: weight 4 lb.) 1 lb. pkg. 45c. (Add extra for Parcel Post: weight 1½ lb.); 50 lb. box, \$12.50; 100 lb. box, \$20.00; 250 to 300 lb. barrel at 18c. lb.



Strictly high grade, highly concentrated, fine, dry and free from objectionable odor, containing all the elements needed for vegetables and flowers for their quick growth, early maturing and perfect development. The ingredients are quickly soluble and immediately commence to feed the plants, stimulating them into healthy, luxuriant growth, and it continues to feed them until the end of the season. Easily applied, either before or after planting, by sprinkling over the surface of the soil and raking in; or it can be mixed with water (stirring well) and applied as a liquid manure. If something especially fine in vegetables and flowers is desired, two or three additional applications, made at intervals, will produce magnificent results. A 10 lb. package is sufficient for a space 15x20 ft. for one application of 500 to 600 lbs. per acre. Instructions on each package. Price, 5 lb. package, 25c. (Add extra for Parcel Post: weight, 5½ lb.); 10 lb. package, 45c. (Add extra for Parcel Post: weight, 11 lb.); 25 lb. bag, \$1.00; 50 lb. bag, \$1.75; 100 lb. bag, \$3.00; 200 lb. bag, \$5.00; per ton, \$45.00.

## "CLIMAX" LAWN SAND. A FERTILIZER AND WEED DESTROYER.

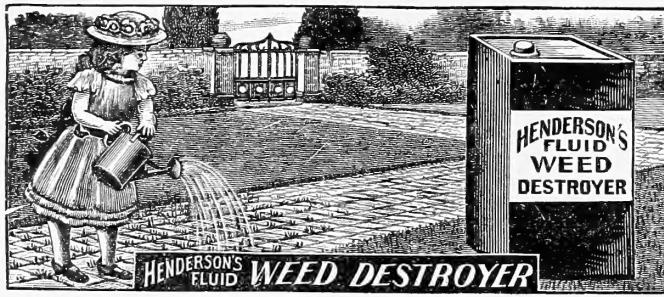
A non-poisonous, dried chemical, which is evenly distributed at about 4 ozs. per square yard kills weeds by adhering to their broad flat leaves but falling to the roots of the grass is absorbed by the soil and so fertilizes the fine grasses that a permanent growth quickly covers the portions previously occupied by weeds and moss.

Grass dressed with "Climax" Lawn Sand is thicker in growth, finer in texture and richer in color. It is marvelous how quickly the grass responds and how lasting the improvement. It is used and recommended by leading golf, tennis, bowling and cricket clubs, public parks and private gardeners.

Price, 3½ lb., 50c. (Add extra for Parcel Post: weight, 4 lb.); 7 lb., 75c. (Add extra for Parcel Post: weight 7½ lb.); 14 lb., \$1.25; 28 lb., \$2.00; 56 lb., \$3.50; 1 cwt., \$6.00.

## BEECHCROET.

A wood preserving tree paint prepared from beechwood creosote and other substances. It kills fungus and is shunned by borers and other insects. It prevents decay in the portions of trees injured by storm torn limbs and applied after pruning it prevents bleeding. One gallon applied with a brush covers about 300 square feet. Price, 40c. per quart, \$1.25 per gal.



Destroys Weeds, Moss, Grass, etc. in Garden Walks and Carriage Drives.

(Not to be used on Lawns nor Gardens).

It completely destroys all weeds, wherever applied, and by its effect on the ground prevents the growth of fresh ones for a year afterwards, thus saving an immense amount of labor in hoeing, etc. For brick walks it is a boon. Its application is easy, being in liquid form and only requiring to be mixed with water and applied with a watering can or sprinkling cart. If the ground is very dry it should first be sprinkled with clear water, so the Weed Destroyer will not soak away too quickly. Directions with each package.

Quart Can,	makes	4 to	5 gallons, sufficient for	100 sq. ft...	40
Gallon Cans,	"	16 to	20 "	400 "	1.15
5-Gallon Keg,	"	80 to	100 "	2000 "	5.00
50-Gallon Barrels	"	800 to 1000 "	"	20000 "	38.00

"Your 'Weed Destroyer' is a boon to us here with our numerous garden walks and carriage drives to be kept clean and free of weeds. It used to be hoe, hoe, hoe, from morning till night, all summer long, but the last two seasons by sprinkling the walks thoroughly in the spring with your 'Weed Destroyer' diluted with water, it has kept the weeds and moss away and the walks in apple pie order."

CHAS. MCGRATH, JR., Newton, Mass.



## CARTERS' WORM KILLER.

Quickly eliminates Fish, Angle or Earth Worms from Infested Lawns, Putting Greens, etc.

This preparation, a non-poisonous powder, is not injurious to animals, birds, nor vegetation; in fact it has a beneficial and stimulating effect on grass. It is wonderfully efficacious where properly used in inducing earth worms to immediately come to the surface and die, thus removing the cause of unsightly worm casts and bad spots in the lawn. For "Putting Greens" thus infested it is invaluable, enabling the surface to be kept level, smooth and true without the expense and trouble of daily brushing and rolling. The greenkeepers of many golf clubs, both in Great Britain and America, use it extensively and attest its worth.

**Quantity Required.**—Half a pound per square yard; full directions with every order. Price, 1 lb. 15c. (Add extra for Parcel Post: weight, 1½ lb.) 5 lb., 60c. (Add extra for Parcel Post: weight, 5½ lb.); 10 lb., \$1.00 (Add extra for Parcel Post: weight, 11 lb.); 25 lb. bag, \$2.00; 50 lb. bag, \$3.50; 100 lb. bag, \$6.00. (Per ton apply.)

"Our experience with Carter's Worm Killer has been very successful. It not only kills the worms, but saves the expense of 'brushing' the greens. We recommend it very heartily."

F. H. HOYTE, (Chairman Green Com.) Allston Golf Club, Allston, Mass.

PROCURABLE ONLY FROM

PETER HENDERSON & CO., NEW YORK

HENDERSON'S

# FERTILIZERS

We herewith offer thoroughly reliable, and properly balanced chemical fertilizers compounded for the best growth of various crops. Only the choicest, most soluble and easily assimilated ingredients are employed, and while quickly taken up by the plant will not waste in the soil.

It is well understood among progressive farmers, that commercial fertilizers have become a necessity and that it is not possible to produce maximum crops without their assistance even where good animal manures are used.

## HENDERSON'S CORN FERTILIZER.

A perfectly balanced complete fertilizer containing a large percentage of phosphoric acid, the most essential element in the production of maximum corn crops. Nitrogen and potash are also supplied in sufficient quantities to form a perfect maize plant ration.

Price, per ton, \$37.00; 200 lbs., \$4.50; 100 lbs., \$3.00; 50 lbs., \$1.75; 25 lbs., \$1.00. **Guaranteed Analysis.** Nitrogen 2.47%; Available Phosphoric Acid 10.00%; Potash Actual 5.00%.

**Quantity Required.** Use 400 to 600 lbs., per acre. Half broadcast and balance in hills or drill mixing thoroughly with the soil before planting.

## HENDERSON'S CABBAGE AND CAULIFLOWER FERTILIZER.

Contains generous quantities ammonia and potash so necessary for the production of large solid heads. The ammonia being in the form of nitrate of soda. The potash as sulphate, make the highest grade manure it is possible to compound for the best growth of cabbage, cauliflower and other Brassica crops. The liberal use of this special manure will produce large, compact white and perfectly formed cauliflower and big, hard, crisp cabbage.

Price, \$4.20 per ton; 200 lbs., \$5.00; 100 lbs., \$3.00; 50 lbs., \$1.75; 25 lbs., \$1.00. **Guaranteed Analysis.** Nitrogen 4.11%; Available Phosphoric Acid 7.00%; Potash 7.00%.

**Quantity Required.** For early cabbage and cauliflower use 1,400 to 1,600 lbs. per acre broadcast and 400 lbs. in hills, scattering well and mixing thoroughly with the soil. For late cabbage and cauliflower, 1,00 to 1,500 lbs. broadcast and 300 lbs. in hills, mixing thoroughly with the soil.

## HENDERSON'S POTATO FERTILIZER.

The highest grade complete potato manure it is possible to compound. The potash, derived from sulphate potash, produces tubers rich in starch, and of the finest quality, and does not need the addition of animal manure or other fertilizing agents to grow in: ximum crops of clean, well formed, marketable tubers.

Price, \$42.00 per ton; 200 lbs., \$5.00; 100 lbs., \$3.00; 50 lbs., \$1.75; 25 lbs., \$1.00. **Guaranteed Analysis.** Nitrogen 3.70%; Available Phosphoric Acid 7.00%; Potash Actual 8.00%.

**Quantity Required.** Use 1,200 to 1,500 lbs. broadcast and 500 to 800 lbs., in hills or drill, mixing thoroughly with the soil before planting. It is essential in order to produce maximum crops that the ground be deeply and thoroughly stirred before planting and the fertilizer well harrowed in. Potatoes require a loose, friable soil to attain perfection.

## HENDERSON'S UNIVERSAL SUPERPHOSPHATE.

Good for all crops and unexcelled as a top dressing for grass lands and grain. An economical well balanced general fertilizer for all crops and soils.

Price, per ton, \$35.00; 200 lbs., \$4.25; 100 lbs., \$2.50; 50 lbs., \$1.50; 25 lbs., \$1.00. **Guaranteed Analysis.** Nitrogen 2.47%; Available Phosphoric Acid 8.00%; Potash Actual 4.00%.

**Quantity Required.** Use 300 to 1,000 lbs., per acre according to crop and fertility of soil. For top dressing grain or grass apply 300 to 400 lbs. per acre as soon as the frost leaves the ground. For oats, barley, wheat and rye apply 700 to 900 lbs. per acre using 500 to 700 lbs. broadcast and 200 lbs. in drill. For fodder corn use 700 lbs. per acre, 500 lbs. broadcast and 2000 lbs. in drill. For mangels and turnips use 800 to 1,200 lbs. per acre using 500 to 800 lbs. broadcast and balance in drill.

## Henderson's FRUIT AND SHADE TREE FERTILIZER

Adapted for all Fruit Trees, Shade Trees and small fruits, developing the fruiting power, both in quality and quantity also securing the greatest vigor of the trees, and thus protecting them from diseases.

The improvements made in this fertilizer, consist in nearly doubling the proportion of potash, and all ingredients are in the best forms known to fruit culture and science, making it the highest grade fruit fertilizer ever offered. It is practically free from Chlorine, so pernicious to quality of many fruits.

Price, 25-lb. bag, \$1.25; 50-lb. bag, \$2.00; 100-lb. bag, \$3.50; 200-lb. bag, \$5.50; ton of 2000 lbs., \$48.00.

**Guaranteed Analysis—Minimum Percentages.**

Nitrogen, 1.65 per cent; equivalent to Ammonia, 2 per cent.; total Phosphoric Acid, 7 per cent.; available Phosphoric Acid, 5 per cent.; Potash Soluble in Distilled Water, 10 per cent.

**Quantity Required.** For orchards and vineyards 600 to 800 lbs. per acre broadcast or  $\frac{1}{2}$  to 1 lb. per tree or vine according to size,—scattered over the root growth. Rake in if practicable though rain will carry it down eventually. For new Strawberry beds, broadcast and harrow in 1000 to 2000 lb. per acre the largest quantity for light land.

PURCHASERS PAY EXPRESS OR FREIGHT CHARGES ON FERTILIZERS, INSECTICIDES AND FUNGICIDES, ALTHOUGH SOME MAY BE FORWARDED BY U. S. PARCEL POST, IN NET QUANTITIES OF 10 LBS. OR LESS, IF EXTRA FOR POSTAGE BE ALLOWED. SEE NOTE PAGE 32.

## RAW BONE FERTILIZERS.

Decompose slowly in the soil, and therefore form excellent permanent improvement, less likely than any other fertilizer to waste. With bone there is no danger of burning the plants. Excellent for top-dressing lawns and grass lands; also for garden and file crops.

**Quantity Required.** For permanent pasture and mowing lands,  $\frac{1}{2}$  to 1 ton per acre. For trees and vines, 2 to 4 quarts each. For top-dressings, 1,000 to 1,500 lbs. per acre. For field and garden crops,  $\frac{1}{2}$  to 1 ton broadcasted and harrowed in. For rose beds, pot plants, etc., one part to about five of soil.

**RAW BONE MEAL.** This is ground very fine, decomposes more rapidly in the soil than the coarser grades, and is therefore more quickly beneficial.

Price, 1 lb. package, 10s. (P. P. 1 $\frac{1}{4}$  lb.); 5 lb. package, 30c. (P. P. 5 $\frac{1}{4}$  lb.); 10 lb. package, 50c. (P. P. 11 lb.); 25 lb. bag, \$1.00; 50 lb. bag, \$1.75; 100 lb. bag, \$3.00; 200 lb. bag, \$5.00; per ton of 2,000 lbs., \$42.00.

**RAW GROUND BONE.** This is moderately fine and particularly adapted for general fertilizing; the finer particles are immediately assimilated, the coarse keeping up the supply of plant food for a long period.

Price per 100 lb. bag, \$3.00; 200 lb. bag, \$5.00; per ton of 2,000 lbs., \$45.00.

**RAW CRUSHED BONE.** Invaluable in the preparation of land for the laying down of new lawns, grass lands, etc., being slow but permanent in action, indispensable in the preparation of grapevine borders—for fruit trees, small fruits.

Price per 100 lb. bag, \$3.25; 200 lb. bag, \$5.50; per ton of 2,000 lbs., \$47.00.

## BLOOD AND BONE.

Is of exceptional value for garden crops, root crops, corn, grain, grasses, fruit trees, small fruits, grape vines, and, in fact all kinds of vegetation.

**Guaranteed Analysis.** Ammonia 5%. Total Phosphoric Acid 17%.

**Quantity Required.** When broadcasted and harrowed in use from  $\frac{1}{2}$  to 1 ton per acre. For garden crops drill in 300 to 500 lbs. per acre.

Price per 100 lb. bag, \$2.50; 200 lb. bag, \$4.50; per ton of 2,000 lbs., \$40.00.

## PURE ANIMAL MANURES—Pulverized.

Convenient, compact, high grade natural manures dried and ground or pulverized, very nutritious, immediate and lasting in effect. Excellent for mixing with the soil for plants. In the vegetable garden they promote a rapid, steady growth until maturity. They make a rich Liquid Manure.

**Quantity Required.** For garden and field crops, 1 to 2 tons per acre— $\frac{1}{2}$  before plowing the balance before harrowing. For top-dressing grass, use 1 ton per acre, applied in fall or early spring.

**SHEEP MANURE PULVERIZED.** Price, 50 lb. bag, \$1.25; 100 lb. bag, \$2.00; per ton of 2,000 lbs., \$30.00 in packages of 2 lbs., 15c. (P. P. 2 $\frac{1}{2}$  lb.); 5 lbs. 30c., (P. P. 5 $\frac{1}{4}$  lb.); 10 lbs. 50c., (P. P. 11 lb.).

**HORSE MANURE DRIED AND GROUNDED.** Price, per 100 lb. bag, \$2.50; 500 lbs., \$10.00; per ton of 2,000 lbs., \$36.00.

## ASHES—Canada Hard Wood.

Drives away insects and improves the texture of the soil; indispensable for all crops requiring potash; very beneficial for garden and field crops, grass lands and lawns. **Guaranteed Analysis.**—Total Potash 2 to 5%; Total Phosphoric Acid 1 to 3%. Apply 1 to 2 tons per acre, as one heavy application is better than the same quantity put on in fractions.

Price per bbl. of about 200 lbs., \$2.75; per ton of 2,000 lbs., in bbls., \$25.00. Special prices in bulk.

## NITRATE OF SODA.

Valuable solely for the nitrogen it contains. It is chiefly a stimulant, used in addition to other fertilizers. It is quick in action and hastens crops to maturity, being extremely soluble it is easily applied after the plants are above ground. Price per 5 lb. package, 35c. (P. P. 5 $\frac{1}{4}$  lb.); 10 lb. package, 60c. (P. P. 11 lb.); 25 lb. bag, \$1.25; 50 lb. bag, \$2.25; 100 lb. bag, \$4.00; 200 lb. bag, \$7.00; per ton, \$65.00. **Quantity required.** 100 to 500 lbs. per acre. Liquid, 5 lbs. to 80 gals. of water.

## LIME AND LAND PLASTER.

**LAND PLASTER OR GYPSUM.** Valuable for soils requiring lime and sulphate; also good on grass-lands and sour soils. Price, 100 lb. bag, \$1.00; \$16.00 per ton. **Quantity required.** One to two tons per acre.

**LIME AIR SLAKED.** Price, 100 lbs. bag, \$1.00; per ton of 2,000 lb., \$16.00.

## FERTILIZING CONSTITUENTS.

**BASIC SLAG.** Price, 200 lb. bag, \$2.75; per ton of 2,000 lb., \$21.00.

**KAINIT OR GERMAN POTASH SALT.** 12 $\frac{1}{2}$ % actual potash and 33% common salt. Used chiefly for its potash value. Price, \$1.60 per 100 lbs.; 200 lbs., \$2.35; ton of 2,000 lbs., \$19.00.

**ACID PHOSPHATE OR DISSOLVED S. C. ROCK.** 14% available phosphoric acid. 100 lbs., \$1.50; 200 lbs., \$2.75; per ton, \$20.00.



## HENDERSON'S “SUCCESSION” Collections of Strawberries

are composed of the undermentioned six choice family strawberries, including Extra Early, Early, Mid-Season, Late and Extra-Late Varieties, thus extending the Strawberry Season to its maximum limits.

### All are Pot-Grown Plants

Set out this Summer will bear a full crop next season

EARLY OZARK .....	Extra Early
ABINGTON .....	Early
CHIPMAN .....	Early to Mid-Season
NORWOOD .....	Mid-Season
HERITAGE .....	Mid-Season to Late
COMMONWEALTH .....	Extra Late

Prices of Henderson's "Succession" Collection of Strawberries:

#### COLLECTION A

24 plants, 4 each of above 6 varieties.....\$1.00

#### COLLECTION B

36 plants, 6 each of above 6 varieties.....\$1.50

#### COLLECTION C

72 plants, 12 each of above 6 varieties.....\$2.75

#### COLLECTION D

150 plants, 25 each of above 6 varieties....\$5.00

#### COLLECTION E

300 plants, 50 each of above 6 varieties.\$9.50

#### COLLECTION F

600 plants, 100 each of 6 varieties. \$18.00

Purchasers to pay expressage. If wanted by mail add at the rate of 75c per 100 plants for postage.



Peter Henderson & Co.  
35 & 37 CORTLAND ST., NEW YORK.